

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR EAST STREET AREA 2/USEPA AREA 4

VOLUME IV OF XII

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

AUGUST 1994

BLASLAND, BOUCK & LEE, INC. 6723 TOWPATH ROAD SYRACUSE, NEW YORK 13214



MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR EAST STREET AREA 2/USEPA AREA 4

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VOLUME IV OF XII

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Appendix H Boring Logs and Monitoring Well Construction Forms





APPENDIX H

BORING LOGS AND MONITORING WELL CONSTRUCTION FORMS

PRE-MCP BORING LOGS AND MONITORING WELL CONSTRUCTION FORMS



FISHER ROAD

FAST SYRACUSE N.Y. 1305

PROJECT PHETICIS

DATE STARTED 11/28/80 DATE COMPLETED 12/1/80

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" WI

HAMRER FALLING

EAST SYRACUSE, N.Y. 13057

HOLE NO. B#20

SUAF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING REMOVED

CASING TYPE

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						bottom of hole 30.0'	
						nothin of hole 300' Installed 2" plastic at 25.8%.	
						4+ 25.8-1.	
•						used 15.0' Screen	
·							
						Installed one bath nox	
						·	
i							
					_		
į				•			



HAMMER FALLING

FISHER ROAD

EAST SYRACUSE, N.Y. 13057

PROJECT & E
LOCATION East of petts, Mars DATE STARTED 1/7/80, DATE COMPLETED

HOLE NO.

SURF. EL

to the second se

JOB NO.

GROUND WATER DEPTH

WHILE DRILLING

BEFORE CASING

REMOVED

AFTER CASING

REMOVED 19' in welf

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR - % CORE RECOVERY

CASING TYPE

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						a De	
						sond grand somice	
							17'
						only said Tylend	
						my vily	15-
							25-
" P	100	2/2	21	v			
,		24	re				
(r	dry						
<u>-</u>							
						BOB25'	



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT G E

LOCATION ENT IT SP ARMED BUTTON

DATE STARTED 9/7/80

DATE COMPLETED

HOLE NO. 2

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING /6

BEFORE CASING REMOVED

AFTER CASING

REMOVED 17 in wall

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C -- NO. OF BLOWS TO DRIVE CASING 12" WI "/OR -- % CORE RECOVERY

HAMMER FALLING

CASING TYPE

DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	O	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						sand granel mire for	
						y succession for	
							14.
						for sand Tolt + gran	ee
			•				
							21
						vez sily from around	16'
:						•	1
7	200	⁷ 20	20				
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rt 1	1					→	<u> </u>
	1					\$0821-00 w 20	



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT G E LOCATION Earl & State. Man.

HOLE NO. 3

DATE STARTED 8/7/80

SURF. EL. JOB NO.

DATE COMPLETED

GROUND WATER DEPTH WHILE DRILLING

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

BEFORE CASING

C - NO. OF BLOWS TO DRIVE CASING 12" WI

*/OR — % CORE RECOVERY

REMOVED

HAMMER FALLING

AFTER CASING REMOVED 20' in well

CASING TYPE

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						send grand nuce fill	
							
							، ور
						selty soul + grand	
			·			selty soul + quarels	
							20
						self sand some vil	
							2.5-
·" p	V & 12		1				<u> </u>
•••	1	1-1	7				
-	1st	_					
						ROB25	



HAMMER FALLING

DATE COMPLETED

FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT G # LOCATION East St Petts Mass

SURF. EL

HOLE NO.

DATE STARTED 8/7/80

JOB NO.

GROUND WATER DEPTH

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

WHILE DRILLING **BEFORE CASING**

C - NO. OF BLOWS TO DRIVE CASING 12" WI

REMOVED

*/OR - % CORE RECOVERY.4

AFTER CASING REMOVED

DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	С	SAMPLE DRIVE RECORD PER 8"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						sand grand fill	
							13
						sand + franch for	
<u></u>							15
· PU	e se	ion	e			fuld med granel some sand silg from 18'	
rk	b	7				jelg-from 18"	
-							
						80325	• •



FISHER ROAD

EAST SYRACUSE, N.Y. 13057

PROJECT & E LOCATION EST ET gettefield Man DATE STARTED 1/1/80 DATE COMPLETED

HOLE NO.

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING

REMOVED

AFTER CASING

REMOVED 2012" Sees

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" WI */OR - % CORE RECOVERY

HAMMER FALLING

CASING TYPE

	DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
							and of frank fift	
								9
							sand & grand for to	cal
	-							18.
			X				freds or sand fre gran	
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500	Furt	-101						
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DATE STARTED STISTION

PROJECT & E

TEST BORING LOG

DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

30" - ASTM D-1586, STANDARD PENETRATION TEST

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO.

SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING

REMOVED

AFTER CASING 19.5 mm

REMOVED

C - NO. OF BLOWS TO DRIVE CASING 12" WI ***/OR -- % CORE RECOVERY**

LOCATION E OST ET SECTO MISSA

HAMMER FALLING

CASING TYPE

SHEET

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGI DEPTH
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FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT 6 LOCATION East Setto Maso DATE STARTED 8/8/90 DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

HOLE NO. 7

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING 27

BEFORE CASING

REMOVED

AFTER CASING

REMOVED

30" - ASTM D-1586, STANDARD PENETRATION TEST C - NO. OF BLOWS TO DRIVE CASING 12" WI

"/OR -- % CORE RECOYERY

HAMMER FALLING

CASING TYPE

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						sand + granel	
					-	·	
							10
						some budde	el
,							
							س کا در
ر ع ''						very black oil with	
"	رم	en pl				some year	
rb	base						
						B0 825'	A)s



FISHER ROAD EAST SYRACUSE N.Y. 13057

PROJECT & LOCATION E est ST PUT M 200 DATE STARTED 8/11/80 DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

30" - ASTM D-1586, STANDARD PENETRATION TEST

HOLE NO.

SURF. EL.

JOB NO.

SHEET

GROUND WATER DEPTH WHILE DRILLING / 71

OF

BEFORE CASING REMOVED

AFTER CASING REMOVED

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR -- % CORE RECOVERY

HAMMER FALLING

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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						of 19's	
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m/							
/							ے
						BOF 20'	3.05



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT G E LOCATION Ear et petto Maso DATE STARTED 4/11/80

DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

30" -- ASTM D-1586, STANDARD PENETRATION TEST

JOB NO. **GROUND WATER DEPTH** WHILE DRILLING /5/

BEFORE CASING REMOVED

HOLE NO. 9

SURF. EL.

AFTER CASING REMOVED

C - NO. OF BLOWS TO DRIVE CASING 12" W! */OR - % CORE RECOVERY

HAMMER FALLING

CASING TYPE

SHEET

	DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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							sand quarel neine for	8
								19
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يون	ef	(set					amount of out	
							√	
. F							Pa825'	



HAMMER FALLING

FISHER ROAD

HOLE NO. 10

e de l'action de la company La company de la company d

EAST SYRACUSE, N.Y. 13057

PROJECT FE LOCATION East It Titifuld M/ 200

DATE STARTED 8/12/80

DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

30" - ASTM D-1586, STANDARD PENETRATION TEST

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING / F

BEFORE CASING

REMOVED

AFTER CASING

REMOVED

SHEET

OF

C - NO. OF BLOWS TO DRIVE CASING 12" WI

*/OR -- % CORE RECOVERY

DEPT	H SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6*	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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						+ nuice fell	
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						for sand + pronch	
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ind	North Contraction of the Contrac				\dashv		
						808201	



DATE STARTED 8/12/80

TEST BORING LOG

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO. //

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SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING

REMOVED 17' in will

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" WI **"/OR -- % CORE RECOVERY**

LOCATION E 2 of 15 fitteful Man

HAMMER FALLING

DATE COMPLETED

CASING TYPE

OF SHEET

DEPTH	SAMPLE DEPTH	SAMPLE	C	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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						sond grand brukeler wood & mice fill	
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						soud & granel speciel	ه جــ
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	/						
# ·						80820	

perrett wolffine

TEST BORING LOG

PROJECT & F Porte Periode LOCATION PULLS FOR STARTED WILL A 1990 PATE COMPU

DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" WI "/OR — % CORE RECOVERY # HAMMER FALLING

FISHER ROAD FEET SYRACUSE, N.Y. 13057

HOLE NO. P. J. J. J

SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING REMOVED

SHEET OF

DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL C	TRATA HANGE DEPTH
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						1 Curp lox	,
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,						ু কুনী—]
							}
						808 52'	1



HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO. 9/4/ 5

SURF. EL

The state of the s

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING

REMOVED

SHEET OF

PROJECT S. E. Plaste Der LOCATION PITTE FIELD MASS.

DATE STARTED ///39/79

DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" WI

*/OR - % CORE RECCVERY

DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH	
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						no samples		
							15	
						5' server !		
						5' server:		
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						r courses		
			_					
						2 Clark boxes in hole	The	
						2 Curb boxes in hole Inere done before s someone stee.	4	
						someone else.		
					\exists			
					1	BOB15		

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							ROVIDENC				DATE			
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PI	ROJECT N	AMEObs	<u>ervat</u>	:1on	Wells	<u></u>	LOCATION	PI	ttsfield, Ma	55.	UNE & STA.			
R	PORT SE	NT TO	<u>aboy</u>	<u>/e</u>			Pf	ROJ. NO	80-265		SURF. ELEV.			
S	umples s	ENT TO	ken .	12 5	ITB.		a	JR JOB NO.	00-205					
	GRO	UND WATER OBS	ERVATION	NS .			CASING	SAMPI F	R CORE BAR.	1	Dote		(n) e	
<u>ب</u> م ا	151	after	Hav				H/S/A	ر م	/r	START	3/7/80	_		6.M P.M.
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DEPTH	per	From - To	Sample	From	,	Το	Density	Change	soil etc. Rock-	color, type, con	dition, hard-	}	_	
L	foot			0-6	6-12	12-18	Consist	Elev.	ness, Orilling tin	ne, seams and	etc.	No.	Pen	Rec.
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	mple Type Dry C=Co	ered W=:Washed		1	roportion	ns Used 0 to 10%	1	ecib Wt. x 3/ onless Den	O"fall on 2"O.D. Si sity Cohesive C	ompler Maistancy	Earth	Borrng	YHA I	161
	-	ed Piston				0 10 20%	ζ o-	iO Loos	0-4	Soft 30 +	- Hard Rock (Coring	<u> </u>	
		A=Auger V=Van	e Test	1 -		Ote35%	° 30-	30 Med. De 50 Den:	8-15	Stiff	HOLE			-
UT	= Undisturi	sed Thinwall		1 0	ind 3	5 to 50°	% 50 ⋅	+ Very De	inse 15-30	V-Stiff	Inore	NU.	J-7	7



DATE COMPLETED

FISHER ROAD

EAST SYRACUSE, N.Y. 13057

HOLE NO.

274

SURF. EL

JOB NO.

GROUND WATER DEPTH

WHILE DRILLING

BEFORE CASING

REMOVED

AFTER CASING REMOVED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" WI

GE Pittsfield

HAMMER FALLING

CASING TYPE

PROJECT

LOCATION

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6*	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						Top Soil, moist Brown D: 4 Swavel Fill	2.0
5						Moist Brown Fle Sand Flm Grevel. Trace Silt	
15							
15							
75							
20							37.4
25						wet Brown F/C sond and mic Gravel. Trave of oily film.	
						most brown dense sitt	53.7
30						3112	30,2
						Installed 20' slotted 2"	
						121 Solid	
					\exists		

PF N	O	Parratt Wo	ATER S Iff, ation bove Taken ERVATIO	TREET Inc. Well	1s @ 1	AST PI	ADDRESS LOCATION PHODE CASING H/S/A	CE, R I. East Pitt ROJ. NO. JR JOB NO. SAMPLER	Syracuse, sfield, Ma 80-26	START COMPLETE		8-2 Yii	7-B	g.m. p.m. g.m.
A1 -		of ter	Hou	ors.	Hommer Hommer				- BIT	INSPECTOR SOILS ENGR				
		N OF BORING					i					==		
DEPTH	Casing Blows per	Sample Depths From – To	Type of Sample	Fron	lows per l n Sample n	r To	Moisture Density or	Strata Change	Remarks inclui	color, type, con	dition hard-	<u> </u>	AMPL	
-	1001		-	0-6	6-12	12-18	Consist.	Elev.	ness, Drilling tir		elc.	No.	Pen	Rec.
		0'-20'						201		of Boring				
D: UP TP	mple Type Dry C=Co =Undisturb =Test Pil	red W=:Nashed			Proportio race ittle l iome 2		Cohesi 6 0- 10- 2 30-	40lb Wf. x 30 ionless Dens (0 Loose 30 Med. Dec	nse 4-8 8-15	onsistency Soft 30 4 M/Stiff Stiff	Earth Rock (Sample HOLE	coring		



PROJECT SE PUTTE PUTTE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM 0-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/
"/OR - % CORE RECOVERY

HAMMER FALLING

FISHER ROAD
EAST SYRACUSE, N.Y. 13057

HOLE NO. 3/

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING

REMOVED

CASING TYPE

-	DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	С	SAMPLE DRIVE RECORD PER 6"	7	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
							gravel fre. D	
							Co somerono	
							no oil smell	
د 'ن	"PO	6 30	res	***				
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							in the blown tion	ر
						<u>, , , , , , , , , , , , , , , , , , , </u>	a well . near-finel	
~					·		carry in market report	
				1				1
				\dashv				
	ł						80820'	



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT GE

GE Pitsfield

LOCATION

DATE STARTED /2/2/80

DATE COMPLETED /2/3/80

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/
"/OR — % CORE RECOVERY

HAMMER FALLING

EAST STRACUSE, N.1.

HOLE NO. 26 F

SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING . REMOVED

AFTER CASING REMOVED

CASING TYPE

r 	T			1 1		·	
DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
-						2" Topsoil Moist, brown sitfill with sand and fine gravel	
10	10-11	1				herere general mirrored of city (control of condense) Slag and Cinden	5.5
12	12 13 13-14 14-15 15-16 16-17	3 4		28 44 44 44 5.14		Pry, brown, coarse-grained, gravely sand; ebundant rock fragments, wet and sticky (black tan) at 18"	/3.5
20	17-18 18-19 19-20 20-21	5		7, 6 9, 6 6, 4		WCT, gray, micaceous silt.	191
25	21-22 22-13 23-24	7		3; 4 2; 6		material dissented whin wet, greenish-gray, poorly sorted sand and pebble gravel	23.5
						Moist brown, dence sitt w/ embedded gravel BOB+BOW 28.51	-26
						20' 2" PVC Screen 10' 2" PVC pipe	
·						(1.5' stick-up)	



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT LOCATION HOLE NO. SURF. EL

DATE STARTED

CASING TYPE

DATE COMPLETED

JOB NO.

HAMMER FALLING

GROUND WATER DEPTH WHILE DRILLING

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

BEFORE CASING REMOVED

C - NO. OF BLOWS TO DRIVE CASING 12" WI

AFTER CASING

"/OR -- % CORE RECOVERY

REMOVED

					57. 4_ 1.		
DEPTH	SAMPLE DEPTH	SAMPLE	C SAMP DRIV RECO PER 6	E N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH	
5					Black moret cindens + wood, stee fill-exe	9	
.·						101	-
15	12-14	2	5 - 6 6 - 7 5 - 6	2	Brown moist &/De Shi sonttrace of silt		,
20	16-18	<i>4 5</i>	5 - 5 5 - 5 2 - 2	9	Brown wet m/po 8/c sound trace of trace of evod	ns e Peu	1
	22-29	5	71 - 3 11 - 3 10 - 10	2			
<u> </u>	24-26 26-28	8	9-18 10-18 11-12	2		30 1	
<u> </u>					Running sond upin Auger's 584 ofter son	B.O.	B
					H=9	·	
		+					•



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT LOCATION GE Pittsfield

DATE STARTED /2/1/80

DATE COMPLETED /2/1/80

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/
"/OR — % CORE RECOVERY

HAMMER FALLING

D-01 0110-0000, 11.11

HOLENO. 2/F

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING /L/

BEFORE CASING REMOVED

AETER CASING

AFTER CASING REMOVED

CASING TYPE

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						10" HAND CONCRETE	11
				ļ	-	moist, brown-black,	
				-		cobble fill - wire, wood,	
5						house fill = wife, weller,	
	·					brick, etc.,	
				ļ		ma in the second	フィ
						moist, brown, micaccous	
10						o cose to a record	
.9				2,2		lenses of course sand and	Į į
12		2		2 2-		time pebble gravel	
-				2.2		- From Traver	14'
15		3		514		wet, brom, poorly sorted.	Sme
	<u> </u>	-		4,4		asouth sont of some	organ!
ı		4		5-5		gravelly sand - gravel clasts	matan
		5		4.5		>1.5" across-abundant	
20				8.8		metamorphic rock fragments-	195
		6		7,8		wet, gray, coarse-grained,	,
			{			sand with lenses of nebble	
						graver - sand running us	
						augers - end of sampling -211	
					\dashv	P=0 =1	
i					-	BOB 21	
'	•		_ 1			SOW ZO	1
							İ
						10' Z" PVC Screen	[
}			}				Ì
ļ						10' 2" PVC PIPE	į
						10' z" PVC pipe 1 curb box	į
						1 Chin oox	
ŀ			\rightarrow		-+		
ł		\dashv					
- 1							



FISHER ROAD EAST SYRACUSE, N.Y. 13057

22F

PROJECT GE PITSFIELD

LOCATION

DATE STARTED 12/3/80

DATE COMPLETED

JOB NO. GROUND WATER DEPTH

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM 0-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/
"/OR — % CORE RECGVERY

HAMMER FALLING

WHILE DRILLING BEFORE CASING REMOVED

AFTER CASING REMOVED

CASING TYPE

SHEET OF

HOLE NO.

SURF. EL

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
5						Moist, brown, coarse-grained Sond; pockets of granule and pebble gravel	
	10.5 - 12 1			7-7		moist, black, poorly sorted gravelly some; wire, metal and other exotic items	71
15	12:-148	2		6. 9			14.5
20	15.2.20	5		9-10 4-5 5-4 11-5 3-10		moist, live-gray silt with organic meterial-micareour- tan smell Moist, gray, medium-grained	19
25	21.2 22.6 22.0 -2.48 2-10-2.5	7	-	9-9 5-7 9-10 9-14		smell and stain with depth	245
30	20-216	9	357	W-19 W-19 25-33	45 W	Moist brown, silt w/ embedded gravel BOB 281	270
				724		BOW 27 10'2"PK Scree	
				*		18.5 2 PVC P.p. (1.5 shek-up)	

	Wolf		1	د <i>ددا</i> د	TES	T BORING LOG	FISHER ROAD EAST SYRACUSE	
PROJECT LOCATION DATE STA	N PU ARTED 2/	11/8	fu 70	LP 777	E CO	MPLETED	SURF. EL. JOB NO.	26 <i>1</i>
N - NO.	OF BLOWS	TO DE	RIVE	SAMPLER	12" \	W/140# HAMMER FALLING TRATION TEST	GROUND WATER WHILE DRILLING BEFORE CASING REMOVED	17'
C — NO.	OF BLOWS				2" W/	# HAMMER FALLING		-7
CASING T	YPE				(1 Italy out alo	CSHEET OF X	14
DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	1 and low DESCRIPTION OF	MATERIAL	STRA CHAN DEPT
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FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT GE Pittsfield

LOCATION

DATE STARTED 124 80

DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/
"/OR — % CORE RECOVERY

HAMMER FALLING

EAST STRACUSE, N.T.

HOLE NO. 23 F

SURF. EL.

JOB NO.

GROUND WATER DEPTH

WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING REMOVED

SHEET OF

DEPTH	SAMPLE	SAMPLE	С	SAMPLE DRIVE RECORD PER 6°	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
5						Moist, brown, silt and fine gravel fill with wood, wire, metal, etc	
10	10-11 11-12 12-13 13-14	1		12,17 12,14 10,9		Moist, black, medium dense silt with embedded gravel; tan smell	8.5
20	14-15 15-16 16-17 17-18 18-19 19-26	<i>3 4 5</i>		13,20 30,24 20,19 19,17 16,15 20,20		Moist (wetafte 19'), medium- dense, gray poorly sorted growelly sand; oil stain and smell - comes gravel	
25	20-21 21-22 22-33 23-24 24-25 25-21	6 8	ou	20, 50/ DER 0.11		>2" meross	
<i>3</i> ∕0	26-27 27-28 25-29 79-30	8		13.73 13.73 21.35		Moist, brown, med danse	29
						BOB 30' 20' 21 PVC 5	creen Pipe



FISHER ROAD

EAST SYRACUSE, N.Y. 13057

PROJECT

LOCATION

DATE STARTED

DATE COMPLETED

N -- NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

30" - ASTM D-1586, STANDARD PENETRATION TEST

HOLE NO. 8-248

SURF. EL

JOB NO.

GROUND WATER DEPTH

WHILE DRILLING

HAMMER FALLING

BEFORE CASING

REMOVED

TEMOYED

AFTER CASING REMOVED

C — NO. OF BLOWS TO DRIVE CASING 12" W/
"/OR — % CORE RECOVERY

CASING TYPE

DEP TH	SAMPLE DEPTH	SAN	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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	45 45	- 9		73			ļ ļ
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						installed well to SI	
						5 2" pue sereen	
		-				46' 2" pue pipe	
						1 Threaded cap ossembly	
						1 coupler	
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						installed value box	
						B, O, B, 53'	
1						10, 5, 2, 8 5	
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PROJECT

LOCATION

TEST BORING LOG

EAST SYRACUSE

SURF. EL

JOB NO.

- GROUND WATER DEPTH

WHILE DRILLING

F BEFORE CASING

REMOVED

AFTER CASING

REMOVED

DATE STARTED DATE COMPLETED

30" - ASTM D-1586, STANDARD PENETRATION TEST C - NO. OF BLOWS TO DRIVE CASING 12" W

"/OR - % CORE RECOVERY

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

HAMMER FALLING

CASING TYPE

	DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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							7' pand coming ex cours	
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							otel Point 5	
							1 cut box	41300
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							Réfusal on augres est. 125' mable to turne more.	
	<u>.</u>						125' matte to curu	
							more.	İ
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t	<u> </u>						V - V - C	



PROJECT OF Plustic Dis LOCATION Peterfull Mass

DATE STARTED 2/2/80

CASING TYPE

DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" WI "/QR — % CORE RECOVERY # HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO. 8140

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING REMOVED

DEPTH	SAMPLE DEPTH	SAMPLE	SAMPLE DRIVE CORD RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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	51515	1	24		sanffrand nine feller	
	12 11	2	2 3		pry met med set The	p.
	15°16°	3	4 5		gry with med not on co	1500
	d)'2/'	4	2 5		Mall of france of the	***
	25'22	5	2. 3		somet out Pet	<u> عن، ن</u>
	31,3/	<i>2</i>	22		ally clay	37.7
	35.3%	2	2 3			•
		-				•



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT

GE Pittsfield

LOCATION

DATE STARTED 12/1/80 DATE COMPLETED 12/2/80

N -- NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR - % CORE RECOVERY

HAMMER FALLING

16F HOLE NO.

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING REMOVED

CASING TYPE

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
5						moist, brown, v. loose gravel and silt fill-	
							9/
15	12 - 12 -2 - 12 -2 - 14 -14 - 15		Son	126/3 12-		moist, gray, poorly sorted sand w/ quartz cobbles and boulders; thin (2-44)	
	16-17 17-18 18-19	3		7,3 6,6 5,4		top of unit - wet after 16' Sand becomes better sorted	
30	19-20 20-21 71-22			45		- Sand up augers BOB - 25'	
<u>25</u>						BON - 25' 10' 2" PVG Screen	
						15' 2" PVC PIPE 1 CURB BOX	

	~~~	Parratt Vo	iff,	Inc.	s 🗭 G	Ε	1	East Pit	Syracuse, tsfleld, Ma 80-26	K.Y.	HOLE NO LINE B STA. OFFSET	8-11	60	
SAJ	MPLES S	ENT TO TA	ken e	t Si	te		ou	R J08 NO.	80-26	5	SURF. ELEV.			
		UND WATER OBS			Туре	N	CASING W-BW	SAMPLE	R CORE BAR.	START COMPLETE	0010 3/13/80 3/18/80	_	me	α. ρ. ο.
_		after	Нос	icz.	Size I.D. Hommer Hommer	WI	300# 24"		BIT	TOTAL HR: BORING FOR INSPECTOR SOILS ENGR	S. REMANJ.		Ш	
L	OCATIO	N OF BORING												
Ī	Cosing	Sample	Type		ows per (		Moisture	Strata		TREICATION			AMP	·E
	Blows per foot	Depths From - To	of Sample		Sample		Density or Consist.	Change Elev	Remarks incluing soil etc. Rock-incess, Drilling tid	color, type, cor	ndition , hard-	<b>.</b>	Pen	
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ŀ		0'-80'	<del> </del>						MV casing	to 80'			├	╀
Ì		80'-150'	2 1	5/16	rol	er b	t w/mu		Cobbles fe	II in mud	ided hole			二
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		red W=Washed led Piston				0 to 10% 0 to 20%	ر ۱۰۵			-	Earth Hard Rock			'n,



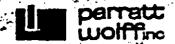
EAST SYRACÛS

DATE STARTED 2/24

N - NO. OF BLOWS TO DRIVE SAMPLER 12" WIT40# HAMMER FA 30" - ASTM D-1588, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ "/OR - % CORE RECOYERY

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FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT

LOCATION

**DATE STARTED** 

DATE COMPLETED

JOB NO.

···HÒLE NO.

GROUND WATER DEPTH

WHILE DRILLING

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING - 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W

OF BLOWS TO DRIVE CASING 12" WI # HAMMER FALLING
"IOR — % CORE RECOVERY

BEFORE CASING

**REMOVED** 

AFTER CASING

REMOVED

**CASING TYPE** 

SHEET > OF

DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	.c	SAMPLE DRIVE RECORD PER 6"	N	DESGRIPTION OF MATERIAL	STRATA CHANGE DEPTH
							ri E
						• • • • • • • • • • • • • • • • • • •	
							J-J-
						gost mingle for 8 n	ud
	-						
  -  -						large boulders er lag	ero
						95' 14" stul Pipe	
-						95-14 steel Pipe 1-14 x 5 s. steel Pan 1 Cent box	
						1 Cent to the	



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT GE PITTSFIELD

LOCATION

DATE STARTED 12/2/80 DATE COMPLETED 12/2/80

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR - % CORE RECOVERY

# HAMMER FALLING

HOLE NO.

SURF. EL

JOB NO.

**GROUND WATER DEPTH** 

WHILE DRILLING

**BEFORE CASING** REMOVED

AFTER CASING REMOVED

SHEET OF

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						moist, brown cobble fill	21
5						moist black, circler fill	51
						Moist, tan; fine to medium - ornined sand; cobbies ar	
_/	10.5'- 77.5	1		12 - 17		-	
	12-14.5	2		11 - 2		moist, gray, poorly sorted	12'
<u> </u>	14.0-160	3		7 - 3		gravelly sand with intell	1
	16.0-19.0	ų		4-6 9-12		of Mist, brown, hose silf + strong oil stain-smell	fine sa
20	18.1-20	5		4-5		16'-26	
	20.5-22.0	6		5-7		Sediment wet after 181	
	22.0 -240	7		5-3			
25		8		9 12		808 30' BOW 30'	
				16,13		15' 2" PVC Screen	
						15' 2" PVC Pipe	
						1 curb box	
					=		
					$\exists$		



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT GE PIHSFIELD

LOCATION

DATE STARTED 12/2/80 DATE COMPLETED /2/80

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR - % CORE RECOVERY

زر

# HAMMER FALLING

HOLE NO. ノフケ

SURF. EL

JOB NO.

**GROUND WATER DEPTH** 

WHILE DRILLING

BEFORE CASING

REMOVED

AFTER CASING REMOVED

**CASING TYPE** 

						·	
DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						moist, black cinder f. 11	
5						moist, brown, gravel (pebile and couble) with silt matrix	41
10						clayey silt w/organic	
	10-11 11-12 12-13 13-14	2		4,25		moist, blue-gray silt with embedded armied	11'
15	17-15	3		71.74 12.12 17.12		moist arey silt with their (1") brown peat lugar. and disseminated organic	/ 3
20	19-18	5		14,16		Maist bluish-oray mark	- 14.5'
	20 - 21 21- 22 22-73 23-24	6 7		4,5 6,12 8,8		sorted, gravely sand/med. de layers of gray, fairly homogeneous coarse-grained sand present - wet at 18	nse
				1,100		BOB 25	
	· .					10' a" PUC Screen	
						15' 2" PVC PIPE 1 CURB BOX	



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT GE PITSFIELD

**LOCATION** 

DATE STARTED 12/3/80 DATE COMPLETED 12/3/80

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM 0-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" WI "/OR - % CORE RECOVERY # HAMMER FALLING

U015110 545

HOLE NO. 24F

SURF. EL.

JOB NO.

GROUND WATER DEPTH , WHILE DRILLING ~ 17

BEFORE CASING REMOVED

AFTER CASING REMOVED

SHEET OF

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						1,5" Topsoil most, brown, poorly sorted gravelly some	
5						moist, black cinder and gravel fill - tan smell	<del>-</del> 3'
01						moist, brown, heterogeneous mix of sand, silt & fire growel	7'
20	19-11 13-14 14-15 15-16 16-17 19-20 19-20 20-21 21-22 22-23 23-24	3 3 5 6 7		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		moist, blue-gray, poorly sorted, gravelly sand: abundant rock framments (metamorphics) wet ~ 17 - oily	. 15.5
25	24-15	8		9,13 13,14		Meist, brown, medium-dense sit w/embedded gravel - BOB 28.5' BOW 28.5' 20' 2" PVC Screen 10' 2" PVC p.pe 1.5' Shek-up	24.5



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT Wells 6. F.
LOCATION PITTEFIELD M

DATE COMPLETED

HOLE NO. 13-24A

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING

REMOVED

AFTER CASING REMOVED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/
*/OR — % CORE RECOVERY

# HAMMER FALLING

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6*	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
	<del> </del>					Augered To 20'	
						Same material as B-24B	
5							
						installed well to 19'	
						5' 2" pur seren 14' 2" pur pipe	
						2 Pol Sereen	
10	<u> </u>	<del> </del> -				14 2" pue pipe	
						installed gate box	}
	<u></u>			<b></b>	-	1~5/Alled gale box	Ì
15						B.O.B. 20'	
	<del> </del>						ļ
10	<u> </u>						
.					{		
-5Z-7-							
1.0						, , , , , , , , , , , , , , , , , , ,	}
							}
,							
-							]
					$\dashv$		ļ
/L							
						·	1
			$\dashv$		—		



**FISHER ROAD** EAST SYRACUSE, N.Y. 13057

PROJECT W4//s LOCATION PITTS FINIS DATE STARTED 7/6/80

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

HOLE NO. 13 - 24 6

SURF. EL.

JOB NO.

**GROUND WATER DEPTH** 

WHILE DRILLING

**BEFORE CASING** REMOVED

AFTER CASING

REMOVED

30" -- ASTM D-1586, STANDARD PENETRATION TEST # HAMMER FALLING

C - NO. OF BLOWS TO DRIVE CASING 12" WI

*/OR - % CORE RECOVERY

CASING TYPE

From Type of Frost-3  Brown moiet m/dense f/e san  fittle silt some f/e grave!  Cobbles  5-6 1 5 8 13	6
5 206/53	d
5 200/53	1
<del></del>	
	}
10	
10-11 2 8-6 14	
15-16 3 6 10 16	15.5
Some the gravel Trace site	1
20 Cobbles Cobbles	
70 01 44 10 10 10	704
Sond some with little the	
25 Browel	
25-26 5 9-12 21	
30	58
30-31 6 16 19 35 STOWN WET DONGE From Sound	
1:1714 5:17	33 ′
30 Brown wet pense ffe sond	
35-36 7 34 47 70 Some city some the grave!	
	}



DATE COMPLETED **DATE STARTED** 

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HÁMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ "/OR -- % CORE RECOVERY

# HAMMER FALLING

EAST SYRACUSE, N.Y. 13057 HOLE NO. SURF. EL. JOB NO. GROUND WATER DEPTH WHILE DRILLING BEFORE CASING REMOVEB REMOVED

**CASING TYPE** 

SHEET OF

FISHER ROAD

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH	
5						Black micist cinders, paper, steel-exe	wol	
15	1/2-12	7		50.40			108	7
15	17. Ere 12:14 (5-1)	7		15-15 5-4, 4-5		Plack west Stiff	)   <u> </u>	
20	1)'-19 15'-27	4/ 5		2-1 6-4 10-4 3-4 4-4		Blackmigist soft Pent + silt	Y, 14/53 Fi	1.3L 1
55	25-29	9		5 ~ 7 2 ~ 7 4 - 5		spannel.	25	<u></u>
	-4			05		Brank wet m/jens 8/c soudy Little S/m q	euve	27
				- 6		Instable 15'2" 5.5+91 2" PUE Bottom of well 24,5	PUC	,
		,		,		1-gote top		

	perrett
3	Wolffine

PROJECT SE PUTAFUL MESS
LOCATION Earl SPUTAFUL MESS
DATE STARTED 8/1/80
DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/ "/OR — % CORE RECOVERY # HAMMER FALLING

FISHER ROAD - EAST SYRACUSE, N.Y. 13057

HOLE NO. 32

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING

REMOVED 18 in wall

**CASING TYPE** 

<u>.</u>	DEPTH	SAMPLE DEPTH	SAMPLE	C SAM DRI RECO PER	ORD N	DESCRIPTION OF MATERIAL  , 5 (2000) Residences	STRATA CHANGE DEPTH
						soul grand mine fill	4'
						some houtele	rel
'Ð'	2"	PUC	20	rela			
10'	"	//		NE		·	
1 Cm	<i>b</i> .	for					24'
						suth met sule Zo	free
						in slog T12	
						no amily sel	
	_					,	
						0820.	

•
parratt
wolffine

PROJECT NE TO STEPPER Mass PROJECT &E

DATE STARTED 8/1/80

**CASING TYPE** 

DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR -- % CORE RECOVERY

# HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO. 33

SURF. EL.

JOB NO.

**GROUND WATER DEPTH** WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING

REMOVED 17.5 Lawell

SHEET

SAMPLE SAMPLE STRATA DRIVE SAMPLE DEPTH N DESCRIPTION OF MATERIAL CHANGE RECORD DEPTH DEPTH **PER 6**" sond + gravel some 20 no vil smed represent to be very light meth of RR Trock with of door. BOB 20'

At _	O POJECT NA PORT SEI IMPLES S GRO 91211	Perrett Wo  AME Obser  NT TO S ENT TO I  UND WATER OBS  Offer Go  Offer Go  N OF BORING	ATER S Iff, vatio bove aken ERVATK MP. Hou	TREET Inc.	Rods Type Size I.D. Hammer	GE	CASING H/S/A	Eas P1 ROJ. NO. — UR JOB NO.  SAMPLE  5/S 1 3/1	t Syracuse, ttsfleld, M.  80-26  R CORE BAR.  8"  OW BIT	START COMPLETE TOTAL HRS BORING FOR INSPECTOR SOILS ENGR	EMAN	B-3:	3.4	e, m. p.m. d.m.
DEPTH	Casing Blows per foot	Sample Depths Fram - To	Type of Sample	Fron	n Sample	ir To	Moisture Density or Consist.	Strata Change Elev	SOIL IDEN Remarks include soil etc. Rock-oness, Drilling tim	color, type , con	idition . hard-		Pen	Rec
		5'-6'6"	D	3		10			Brown fine Gravel,tr., tr.silt - 1	mat,tr.c				12"
		20'-21'6"	D	7		15		201	Light Brown silt Light Brown SAND, littl	fine to				14"
		251-2616"	0	7	9	7		25' 51'	installe 6º stee	a silt cample af: g into ac f Boring d: l well po el riser	ter 25¹ - ugers	5	18	10"
50 0:1 UP 1P UT	mple Typ Dry C=Co = Undisturb = Test Pit	pred W=Washed bed Piston A=Auger V=Va bed Thinwall	ne Test		Proportio trace little l some 2	ns Used 0 to 10 % 0 to 20 %	Cohes	40lb Wf. ± 30 onless Den 10 Loos 30 Med. De	ense 4-8 ( se 8-15	onsistency Soft 30 4 M/Stiff Stiff	Earth Florid Rock ( Samp HOLE	Coring	5	

AI _	ROJECT N. EPORT SEI AMPLES S GRO	Perratt W AME DESE NT TO ENT TO UND WATER OB director	vater stri olff, in rvation above Taken 4 SERVATIONS mp. Hours Hours	Wells # GE	ROVIDENCESS	East  ROJ. NO JR JOB NO SAMPLER	Syracuse, littsfield, 80-265	START COMPLETE	S. REMAN	1-338 		e, m p, m
DEPTH	Casing Blows per foot	Sample Depths From - To	Type of Sample F	Blows per 6" on Sampler rom To 0-6 6-12 [ i2-1	Moisture Density or	Strata Change Elev	SOIL IDEN Remarks include soil etc. Rock-oness, Drilling time	color, type, car	ndition, hard-	S/	AMP	
		0'-20'				}	Gate box	P.V.C. (2	pipe (2")			
D: I UP	mple Typ Dry C=Co =Undisturt	SURFACE TO _ e pred W=:Washed ped Piston A=Auger V=Ve	1	Proportions Us- trace 0 to 10' little 10 to 20' some 20 to 35 and 35 to 50	% Cohesi % 0- % 10-	40 lb Wr. x 30 onless Dense IO Loose 30 Med. Den	15 <b>e</b> 4-8 1	onsistency	Eorth			

perrett
WOII I Inc

FISHER ROAD EAST SYRACUSE, N.Y. 13057

<i>U C</i>	
PROJECT #E	TILLO MENON
PROJECT & E LOCATION E CEREST ON	refus mos

HOLE NO.

DATE STARTED 6/34/80

**CASING TYPE** 

DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

**GROUND WATER DEPTH** WHILE DRILLING 24

C - NO. OF BLOWS TO DRIVE CASING 12" WI

**BEFORE CASING** REMOVED

*/OR - % CORE RECOVERY

AFTER CASING REMOVED 20 1

# HAMMER FALLING

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6*	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						stree or gravel	2_
<del></del>						some grand + set	
						all	
						S.E. P.Y. Osly 124	
						Bedy (b	
						oil at 25'	
<del></del>							
							30,
						sever him took gone	The
						sever line at about :	
:							
	1					130830' pow 30'	



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT G.E . - Plantie Pondo mently are LOCATION PUTERILLY, D.H.

HOLE NO. SURF. EL

34A

DATE STARTED 3/4/80

DATE COMPLETED 3/4/80

JOB NO.

GROUND WATER DEPTH WHILE DRILLING 15.0

**BEFORE CASING** REMOVED

26.0

C - NO. OF BLOWS TO DRIVE CASING 12" W!

# HAMMER FALLING

AFTER CASING

**"/OR -- % CORE RECOVERY** 

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

30" -- ASTM D-1586, STANDARD PENETRATION TEST

REMOVED

15.0

CASING TYPE HSA -314 I.O.

SHEET | OF 2

DEPTH	SAMPLE DEPTH	SAMPLE	C SAMPL DRIVE RECOR PER 6*	В	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
					or bun, dy, FIM GRAVEL + SILT	
				_		3.0
					Then, day, loose SILT, th. F/ gravel,	
5.0	5-6,5		5-5	<del></del> -	ti. Fland	
	3 0,5		4			
						9.0
10.0						7.0
	10-11.5	2	4-8	_	Stone wadged in spoon nose	
			6		IT, bu , dy , med dense SILT, with Focu	ud,
		-	<del></del>	-}	to flagravel	
15.0						
	15-165	3	8-9		Note: sample wet @ 16'	1
	<del></del>		7_			1
						ļ
20.0	20 - 21.5	44	7- //	-}		
	20 - 2113	7	16			
						-
25.0				1		
	25 -25.5	5A	7- 13			25.5
	25.5-	5B	16		it buy, wet, madidance	1
	26.5			-	MIF SAUD+ FIC GRAVES The sult	
30.0	<u> </u>			<u> </u>	ME SMUTTE BENEG IN	29.0
	30-315	6	17-24		The at James care + SICT	
			28		II. bus, wet, donce FISAND + SILT,	[
				+	Tr. flaquel	)
35.0					• •	1 7
	35-365	7	18- 20	-{		`
	-		26	+	,	[
					<b>,</b>	[
40.0						<u> </u>



EAST SYRACUSE, N.Y. 13057

PROJECT

**CASING TYPE** 

G.E.

LOCATION PUTEFULL , ME

DATE STARTED 3/4/80

DATE COMPLETED 3 4 80

HOLE NO. 34 A

SURF. EL.

JOB NO.

**GROUND WATER DEPTH** 

WHILE DRILLING

**BEFORE CASING** 

REMOVED

AFTER CASING REMOVED

C - NO. OF BLOWS TO DRIVE CASING 12" WI

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

30" - ASTM D-1586, STANDARD PENETRATION TEST

***/OR -- % CORE RECOVERY** 

# HAMMER FALLING

SHEET 2 OF 2

DEPTH	SAMPLE DEPTH	SAMPLE	C SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
45.0					SILT, to fle gravel	
500					. •	
550					B.o.8.	51.0'
					Note: 1. I natolled 1/4" wellpant with reserpipe.  Total beneth = 50.10	
	Point Calc		5.90		2. Installed Gate Box	
	1"4' Pipu Cpls		6.10 9.80 .20 /6.10			
	Pipe Pipe		10.35 ,20 26.65 9.80			
	Roe Colg		720 36.65 9.935 .20 46.80		· •	
	Ape C		3.30		Ç.	



# HAMMER FALLING

FISHER ROAD

EAST SYRACUSE, N.Y. 13057

34 R

PROJECT G.E. - Plantin Pondo Murill are.

LOCATION PUTEFULD, Ma

DATE STARTED 3/4/80

DATE COMPLETED 3 4/80

HOLE NO. SURF. EL

JOB NO.

**GROUND WATER DEPTH** 

WHILE DRILLING

**BEFORE CASING** 

REMOVED

AFTER CASING REMOVED

15 '

C - NO. OF BLOWS TO DRIVE CASING 12" W/

***/OR - % CORE RECCVERY** 

CASING TYPE HSA - 114" I.D.

30" - ASTM D-1586, STANDARD PENETRATION TEST

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

SHEET / OF /

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	Z	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
-						No soil sample required	
						I notabled 2" PIC rise piper in bowhole; bottom 5' section is stated.  Total Length = 25.0'	
						I matalled Gate Boy Crues	
						,	
i							

* S	O ROJECT N EPORT SEI AMPLES S	Perrett No AME Observa NT TO ENT TO UND WATER OBS	ATER S Iff, tion yo Taken ERVATK	TREET INC.	s P G Site	E	ROVIDENCESS LOCATION	East Fit	Syracuse, tsfleId, Ma 80-265 R CORE BAR.	START COMPLETE	EMAN-L. Ph	<u>1-36</u>	A ime	g.m
_	LOCATION OF BORING:  - Casing Sample Type Blows per 6" Maisture Strate SOIL (DENTIFICATION SAME)													
DEPTH	Casing Blows per	Sample Depths Fram- To	of Sample	Fron	n Sample n	H To	Maisture Density or Consist.	Strata Change	SOIL (DE) Remarks inclui soil etc. Rock- ness, Drilling to	de color, grado color, type, con	dition, hard-	<b></b> -	SAMP	Rec.
-	foot		╅	0-6	6-12	12-18	Consist.	Elev.	ess, brinking fix	ne, 360m3 cm	erc.	NO	Pen	Hec.
		51-616"	D	9	18	18		8:	Brown fine		a Sand,	 	18'	9
			1								_			
		ייפי דו-ייסי	D	4	3	5		12'	Gray Brown silt,tr.or peat	fine SAN ganic sil	D, some t, tr.	2	18'	811
		151-161611	8	8	9	10			Gray Brown SAND, litt		coarse	3	18	10''
		20'-21'6"	D	13	11	14			•	ŧ		40	18'	12"
		25! -26'6''	D	9	11	26		51*	Unable to : sand runnin			5	18	18'
									Bottom of Installed: 6' steel 46' steel Gate box	well poir	ne (1분기			
Sc O= UF	Imple Typ Dry C=Co = Undisturb = Test Pit	SURFACE TO e ired W=Woshed ned Piston A=Auger V=Von ped Thinwall		) i	Proportio troce ittle ! some 2	_	Cahesi 0 0- 10-	40 lb Wf. x 30 ioniess Den 10 Loos 30 Med. De	mse 4-8 1 se 8-15	onsistency Soft 30 4 M/Stiff Stiff	- Hard Rock (Samp)	Coring	5	<u>:</u>

	1	GUIL!	WATER S				COVIDENC		C.		DATE			
	_								t Syracuse.	N.Y.	HOLE NO	8-3	68	
T(	)	our Ohen	Evet ion	Val	1.0	GF	ADDRESS	Pli	t Syracuse, ttsflold, M	955	UNE & STA.			
PT-	foreli Mi Sonot een	NT TO	shave			<u> </u>	LOCATION				OFFSET			
ne e	REPORT SENT TO Above SAMPLES SENT TO Taken at Site							(U.J. NU (B. 108 NO	80-	265	SURF. ELEV.			
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	GRO	UND WATER O	BSERVATIO	NS	·		CASING	SAMPLE	R CORE BAR.		3/11/80		m	g.m
AI.	10'	ufter_	Comp Hou	,,	_		H/S/A			START	444			_ p.m
				· [	Туре		24		·	COMPLETE	. ——			_ j.m
		nflar	Наи		Size I D.					BORING FOR	EMANJ.	Ph	111	tps:
A .			riqu	''	Hammer				- BIT	INSPECTOR				
Hammer Fall SOILS ENGR														
1	LOCATION OF BORING													
+	Casing	Sample	Type		lows per		Moisture	Strata	SOIL IDEN	TIFICATION			4440	
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DE	per	Fram- To	Sample.	From	ا د د	To	or Consist	1 -	soil etc. Rock-o	color, type, con ne. seoms ond	dition , hord-	No	Dan	Rec
	1001		=-=	0-6	0-12	12-10	Consist.	Elev.					-	Nec.
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	GROUND 1	SURFACE TO	20			USED	1/5/A	ASING:	THEN			<del></del>		{
	mple Type				Proportio				"fall on 2"O.D. S	Ompler	1 9	UMM	ARY.	-
						01010%	Cohesi	oniess Dens	nty   Cohesive C	ensistency	Earth	Baring		<u>'0'</u>
UP					0 10 20%	0	10 Loos: 30 Med, Dec		Soft 30 f M/Slift	Hard Rock (		-	<u>—</u>	
		A=Auger V=	Vone Test	1 '		2010359	30-	50 Dense	8-15	Stiff	Sampl		<u> </u>	75
UT	= Undistant	ed Thinwall		1 4	and 3	50000		+ Very Der	150   15-30	V-Sliff	HOLE	NO.	9-5	ן מסא

olen –	parratt
	wolffine

FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT

DATE STARTED 3/0/80

DATE COMPLETED 3/10/80

SURF. EL.

JOB NO.

**GROUND WATER DEPTH** WHILE DRILLING

**BEFORE CASING** REMOVED

AFTER CASING REMOVED

C - NO. OF BLOWS TO DRIVE CASING 12" W/

*/OR - % CORE RECOVERY

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

# HAMMER FALLING

**CASING TYPE** 

LOCATION

DEPTH	SAMPLE DEPTH	SAMPLE	CR	AMPLE DRIVE ECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
	2 -35	1	1	-1		Brown moist soft perex, Little silf	21
<u> </u>	3-65	2		1		perat, Littles.	
10	15 115	3		<u> </u>			
5			1			7	1360
20	15-16,5	4	- 1	<u> </u>		Stay wet Loose Stansond Trace of silt	
00	20-215	5	1 2	-1		Gray moist sof	20
25	25-26-1	6		-2		Siff Little Dent	-
30							
	30 -3/.5	7	1	=/			
35	95-365	$\theta$	1-3	7			35 64
10						cité sitt.	



FISHER ROAD

EAST SYRACUSE, N.Y. 13057

PROJECT & E

DATE STARTED 3 10 80

DATE COMPLETED

sloke

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/
"/OR — % CORE RECOVERY

# HAMMER FALLING

HOLE NO. 13 1 68 6

SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING REMOVED

න ′

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	C	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH	
6						Orilled to 201		
10)						Justalled 2" P	*	<b>)</b>
						slotted pipe + 148 of all puc p.	pe	
15						BoHan of well st		
30						BCB.	20 /	-
						1- Stand pipe		 
							·	•
								1
								ż



PROJECT A.E.

LOCATION East At Pettopular Mass:

DATE STARTED 6/24/80

DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM 0-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ **"/OR — % CORE RECOVERY** 

# HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO. 8

SURF. EL.

JOB NO.

GROUND WATER DEPTH

WHILE DRILLING

**BEFORE CASING** 

REMOVED

AFTER CASING REMOVED

SHEET

**CASING TYPE** 

SAMPLE SAMPLE **STRATA** DRIVE SAMPLE DEPTH С Ν DESCRIPTION OF MATERIAL CHANGE RECORD DEPTH DEPTH **PER 6*** sand for tour 10" 2" Plate sere 15" " 1" Pj

ef um	perrett
	Wolffine

FISHER ROAD
EAST SYRACUSE, N.Y. 13057

PROJECT A E
LOCATION East At Puttsful Miss.

DATE STARTED 6/24/80 DATE COMPLETED

HOLE NO. 82

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING REMOVED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/
"/OR - % CORE RECOVERY

TO DRIVE CASING 12" W/ # HAMMER FALLING
CORE RECOVERY

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	c	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						24-1/ Drag a 0	
						sand for to crywill	
<del></del>							
·							20
						10' - 311 8 11 -	
						10' - 2" PUC SER	عس
<del></del>							ne
						I link hope	
							1.
						508 25 BOW	20

el ma	parratt
Ш	wolffine

**CASING TYPE** 

## **TEST BORING LOG**

PROJECT A. E. Pettefulf Mais
LOCATION E art LT. Pettefulf Mais
DATE STARTED 6/24/80 DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR - % CORE RECOVERY

# HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO.

SURF. EL.

JOB NO.

**GROUND WATER DEPTH** WHILE DRILLING /

**BEFORE CASING** REMOVED

AFTER CASING REMOVED

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						sand grandsomeboula	lec
•							
- 1							
						sally and I grand	26
<del>, _</del>							26'
						10 - 2" PUE Berein	
<del></del>						10-2" PUE Berein	
						B6 826' BOW20	



**FISHER ROAD** EAST SYRACUSE, N.Y. 13057

PROJECT # E LOCATION East St fethfuld THESS DATE STARTED 6/25/80 DATE COMPLETED

HOLE NO. 84

SURF. EL

JOB NO.

**GROUND WATER DEPTH** WHILE DRILLING

**BEFORE CASING** 

REMOVED

AFTER CASING

REMOVED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR - % CORE RECOVERY

# HAMMER FALLING

**CASING TYPE** 

OF SHEET

	DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
							te med family	70
•							setty and I grand	
		16 3 23'	t	PY	C SCR	er	such frank prompler	2.4
							emple Take at 50' some wahle to get water to while Doubling water la	he
							BOBYO" BOW39	**

parrett wolffine

**CASING TYPE** 

#### **TEST BORING LOG**

PROJECT & E PITTEFUL MASS

DATE STARTED 6/25/80 DATE

DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" WI
"/OR - % CORE RECOVERY

# HAMMER FALLING

Commence of the target of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the

FISHER ROAD ... EAST SYRACUSE, N.Y. 13057

HOLE NO. BS

SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING Z4

BEFORE CASING REMOVED

AFTER CASING REMOVED

SHEET OF

SAMPLE SAMPLE STRATA DRIVE SAMPLE DEPTH C N **DESCRIPTION OF MATERIAL** CHANGE RECORD DEPTH DEPTH PER 6" 115 grand for to ce /3 1 Cont fox

parratt
Wolffing

DATE STARTED 6/2/180 DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR - % CORE RECOVERY

# HAMMER FALLING

**FISHER ROAD** EAST SYRACUSE, N.Y. 13057

HOLE NO.

SURF. EL.

JOB NO.

**GROUND WATER DEPTH** سر الرح WHILE DRILLING

**BEFORE CASING** REMOVED

**AFTER CASING** REMOVED

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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					_	gry not only zond the	er.
<del></del>				.1:			37
						10' - 2" Chile sorem	

parratt wolffine

FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT & E LOCATION East & Putific

HOLE NO. 25 7

DATE STARTED 6/25/80

DATE COMPLETED

JOB NO.

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

GROUND WATER DEPTH WHILE DRILLING 36

C — NO. OF BLOWS TO DRIVE CASING 12" WI "/OR — % CORE RECOVERY BEFORE CASING REMOVED

# HAMMER FALLING

AFTER CASING
REMOVED 3 4 min well

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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						10'-2" PUE 3CR. 30' 2" III Pres	een
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						ent gip and & grand "	3. A
				<b>*</b>	,	No No MOW HO	



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT / LOCATION East It Pettoful of as DATE STARTED6/26/80 DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

30" -- ASTM D-1586, STANDARD PENETRATION TEST

SURF. EL

JOB NO.

**GROUND WATER DEPTH** WHILE DRILLING

**BEFORE CASING** REMOVED

AFTER CASING REMOVED

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR - % CORE RECOVERY

# HAMMER FALLING

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
<del></del>						rand + grand + ace	
	10' 0 29'	2 7	10	sere organization	en L		
·. ·						sample taken at 35	
·							
<del></del>							
<del></del>						n met med filly confl	44
•		-1				Babys Bow. 38 3	



PROJECT E E LOCATION PINS SIEL DATE COMPLETED 1/20

— NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" WI "IOR — % CORE RECOVERY # HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO. 1954

SURF. EL.

JOB NO. Q 6 9 GROUND WATER DEPTH WHILE DRILLING Q

BEFORE CASING REMOVED

AFTER CASING REMOVED

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD ,PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH	
/						Black most cind wood + steel, Stc, Sil	er's 4	
10						51 0 5 01	85	+
15	12-H	2_		2-7		Black use Sort	1184	
20	79 - 70 76 - 13 18'- 30	3		7-14 5-6 7-7		5/c sand+ f/c gravel	oons.	s+
00	80:3 <u>2</u> 22-24	<i>G</i>		7-6		Brown wet m/pense s/c/soud+ s/cquove/		
25	ə\$ <b>-</b> 27	9		9-6		Brave wet Kopse 40 Stesand,	235	we +
						Brown wet m/Dense elsond, some silt		B.18
						J. J. M 15' 2" 1011C S.S.	+	U.P.B.
	<u> </u>					well At 2416'  1 geste box		<u>.</u>

al sur	perrett
	wolffing

**FISHER ROAD** EAST SYRACUSE, N.Y. 13057

PROJECT SE	`_\$	
PROJECT / JE	IT.1.00 8/15 2	
LOCATION E CLEAN P	ingener of the	
DATE STARTED 6/26/80	DATE COMPLETED	

HOLE NO.

SURF. EL

The state of the state of

# HAMMER FALLING

DATE STARTED 6/24/80

JOB NO.

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

**GROUND WATER DEPTH** WHILE DRILLING 24 of the BEFORE CASING REMOVED

C - NO. OF BLOWS TO DRIVE CASING 12" W/

**AFTER CASING** 

**"/OR -- % CORE RECOVERY** 

REMOVED 3/

**CASING TYPE** 

	· · · · · · · · · · · · · · · · · · ·		ι	044515		· · · · · · · · · · · · · · · · · · ·	<del></del>
DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6*	N	DESCRIPTION OF MATERIAL 3 Blklip, 4 coment	STRATA CHANG DEPTH
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						The a see	rel
•			_		_	sand & geard laye	
						Loulder	
					_		
	10'-	77	ر در و	SCRE	2.00		
	24'	,	11	Paf			
	1/ 0	I R	0	BOTH		÷	
<del></del>					-		
				-			
							29'
						Be wet much round to	
						proved still orly and	
							35
						BO535 BOW 301	



FISHER ROAD EAST SYRACUSE, N.Y. 13057

LOCATION E at st pettofull oman DATE STARTED 6/27/80 **DATE COMPLETED** 

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

HOLE NO LA

SURF. EL.

JOB NO.

**GROUND WATER DEPTH** وي بركي WHILE DRILLING

**BEFORE CASING** REMOVED

**AFTER CASING** 

**REMOVED** 

30" - ASTM D-1586, STANDARD PENETRATION TEST C - NO. OF BLOWS TO DRIVE CASING 12" W/

**"/OR — % CORE RECOVERY** 

# HAMMER FALLING

**CASING TYPE** 

SHEET **OF** 

الزار الوقع المجيز المجور معهد عاله راها التا

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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						: ', 	
-	-						
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			1.6.77				
			· ·				
						÷	-ر، ج تــ
						appeared to be mo sind so	ne 18
						10'- 2" PUC series 1 Out bap 20 5 35' BOW 35	
						POB35' BOW35	

ilm	parratt
	wolffine

DATE STARTED 7/1/80

LOCATION East St Settofield "

C - NO. OF BLOWS TO DRIVE CASING 12" W/

**"/OR — % CORE RECOVERY** 

PROJECT A

#### **TEST BORING LOG**

DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

30" - ASTM D-1586, STANDARD PENETRATION TEST

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO.

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING 3 9

BEFORE CASING REMOVED

AFTER CASING PEMOVED 35

AFTER CASIN

# HAMMER FALLING

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						send + granel	
·							
						·	
	18 -	à	P	1080	gent E	sond a quant + sut	28'
							, .
						gry wet sily soul all	Phone
· · ·						808 40.	



FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT & E LOCATION Eath Pettsfull Mass DATE STARTED 7/10/80 DATE COMPLETED

HOLE NO. 12

SURF. EL.

JOB NO.

**GROUND WATER DEPTH** WHILE DRILLING 24 '

**BEFORE CASING** REMOVED

**AFTER CASING** 

REMOVED SHEET OF

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" -- ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/

# HAMMER FALLING */OR - % CORE RECOVERY

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH	
						sand græde citt i	3	. 96
						boulder		All Control
						80825	سى د	
						800 - 0		
						10' -2" PUC DA		
						10'-2" PUC Seren 15' " " Pine		
						1 Cub ley		
							# <u>**</u>	

parrett
wolffire

# HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

DATE COMPLETED

SURF. EL.

JOB NO.

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

**GROUND WATER DEPTH** WHILE DRILLING L

C - NO. OF BLOWS TO DRIVE CASING 12" W/

**BEFORE CASING** REMOVED

HOLE NO. /3

*/OR - % CORE RECOVERY

AFTER CASING

REMOVED 16 to Lake

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH	
						fund organil &		
						and		
						sand set & grand	11	-
·						- Jane		
<del></del>								
						30836'		
<del></del>						10° 2" PV C Reserve		
						' Cereb bayo		

**FISHER ROAD** EAST SYRACUSE, N.Y. 13057

LOCATION East It Pettsful DATE STARTED 7/8/80 DATE COMPLETED

N -- NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

30" - ASTM D-1586, STANDARD PENETRATION TEST

HOLE NO. 24

SURF. EL

Control of the second

# HAMMER FALLING

JOB NO.

GROUND WATER DEPTH WHILE DRILLING 25

**BEFORE CASING** REMOVED

AFTER CASING

REMOVED 23 he will

C - NO. OF BLOWS TO DRIVE CASING 12" W/

CORE RECOVERY

CASING TYPE

DEPTH *	SAMPLE DEPTH	SAMPLE NUMBER	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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						gund or stone  send paracelt bulde fill	<del>}</del>
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						Bor sand Agrand	
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			4			· · · · · · · · · · · · · · · · · · ·	
			-			The file	28
						very only	
A	· •						
	e jali v						
į			-			80834'	



FISHER ROAD

EAST SYRACUSE, N.Y. 13057

PROJECT  $\mathcal{M}$  ELOCATION East It pettiful Mus DATE STARTED 7/9/80 DATE COMPLETED

HOLE NO. 15

SURF. EL. JOB NO.

THE PARTY STATES

# HAMMER FALLING

GROUND WATER DEPTH WHILE DRILLING 35

**BEFORE CASING** REMOVED

**AFTER CASING** 

REMOVED 34 SHEET

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/

*/OR - % CORE RECOVERY

**CASING TYPE** 

					<del></del>			
,	DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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		1000 J	10	06	Piple	•0		
							·	
							·	
								3.3
							Jug word for so co	
							80840'	<i>;</i> ≱

perrett
wolffine

PROJECT SE EST STORIGHT MANS
LOCATION East STARTED 7/9/80 DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/

# HAMMER FALLING

FISHER ROAD*
EAST SYRACUSE, N.Y. 13057

HOLE NO.

SURF. EL,

JOB NO.

GROUND WATER DEPTH WHILE DRILLING 34,0

BEFORE CASING REMOVED

AFTER CASING , REMOVED 37

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL  , 3 Relation 1' Certain	STRATA CHANGE DEPTH
						sand grand price + harlely fill	
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						a + a an - l	12
						send selt + grand	
<del>-</del>	30	1/2	-6	C Su	5	•	
		3.					
·						gray for to Ar word fugo	30°
						some of	

		2.14 2.24
parrett wolffine	TEST BORING LOG	FISHER ROAD EAST SYRACUSE(1)
PROJECT F.	pinefuld Mass	HOLE NO. 17
LOCATION E. Street	pengus .	SURF. EL.
DATE STARTED 7/8/80	DATE COMPLETED	JOB NO.

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" WI */OR - % CORE RECOVERY

**CASING TYPE** 

# HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

JOB NO.

**GROUND WATER DEPTH** WHILE DRILLING 34

**BEFORE CASING** REMOVED

**AFTER CASING** REMOVED & &

SHEET

**OF** 

SAMPLE SAMPLE STRATA DRIVE SAMPLE **DEPTH** N **DESCRIPTION OF MATERIAL** CHANGE RECORD DEPTH DEPTH PER 6" 5 Cament sand gravel brick & boulder fill Brand & grand



#### **TEST BORING LOG**

PROJECT & E

LOCATION E, That pittifuld Mass

DATE STARTED 7/8/80 DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/
"/OR — % CORE RECOVERY

# HAMMER FALLING

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FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO. 18

SURF. EL.

JOB NO.

GROUND WATER DEPTH
WHILE DRILLING 3 4/ 1

BEFORE CASING REMOVED

AFTER CASING

REMOVED & 4' in well.

SHEET OF

SAMPLE SAMPLE STRATA DRIVE SAMPLE DEPTH N DESCRIPTION OF MATERIAL CHANGE RECORD DEPTH DEPTH PER 6" · y Zlktop sandgeonel Brick fell Brand + grand Mue seren gry pass er soulderge sil from 30' sample taken et 55-808 40



### **TEST BORING LOG**

**# HAMMER FALLING** 

FISHER ROAD EAST SYRACUSE, N.Y. 13057

LOCATION FOST ST OUTSFULD MASS

DATE STARTED 7/7/80 DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

HOLE NO. SURF. EL

JOB NO.

**GROUND WATER DEPTH** WHILE DRILLING 3 4

OF

**BEFORE CASING** REMOVED

**AFTER CASING** REMOVED

C - NO. OF BLOWS TO DRIVE CASING 12" W/

30" - ASTM D-1586, STANDARD PENETRATION TEST

**"/OR — % CORE RECOVERY** 

SHEET

					•		
DEPTH	SAMPLE DEPTH	SAMPLE	C	SAMPLE DRIVE RECORD PER 6"	Z	DESCRIPTION OF MATERIAL . 4 altip	STRATA CHANGE DEPTH
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						rand & grand	
						<u>.</u>	
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· ·							7.3
						and I net	
						selat st	
						BOB 46'	

ef and	parratt
	Wolffine

#### **TEST BORING LOG**

PROJECT S. E. STATEFULL Mass-LOCATION E ST 1/80 DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/

# HAMMER FALLING

FISHER ROAD

EAST SYRACUSE, N.Y. 13057

HOLE NO. 20

SURF. EL.

JOB NO.

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GROUND WATER DEPTH WHILE DRILLING 3 4.5-

BEFORE CASING

REMOVED

AFTER CASING REMOVED

SHEET OF

SAMPLE STRATA DRIVE SAMPLE DEPTH N DESCRIPTION OF MATERIAL CHANGE RECORD DEPTH **DEPTH PER 8"** gry fr D or ward some selle gry but send out fre Dorg possell fil small from 2.



PROJECT & E

LOCATION E est ST PUTTED Mass

DATE STARTED 7/14/80 DATE COMPLETED 7/15/80

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" WI

# HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

1

HOLE NO. 2 /

SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING JU

BEFORE CASING REMOVED

AFTER CASING

REMOVED Jy los well

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT & E

LOCATION FAIT ST PUTTIFUL MAIN

DATE STARTED 7/10/88 DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

30" - ASTM D-1586, STANDARD PENETRATION TEST

HOLE NO. 2, 2

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING J ?

BEFORE CASING REMOVED

AFTER CASING

REMOVED 34 in mill

C — NO. OF BLOWS TO DRIVE CASING 12" W/
"/OR — % CORE RECOVERY

# HAMMER FALLING

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**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL CH	RATA IANGE EPTH
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						net sand + purch	
						B0840	

	parrett
LI .	Wolffine

PROJECT SE PITTEFILD THE AS

DATE STARTED 7/14/80

DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" WI "IOR — % CORE RECOVERY

# HAMMER FALLING

FISHER ROAD

EAST SYRACUSE, N.Y. 13057

HOLE NO. 2,7

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING いって

BEFORE CASING REMOVED

AFTER CASING

REMOVED 15 km wel

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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						rueble fell	Te.
<del></del>							
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	30	16	1		2/		
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						orly at 35	
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perrett
wolffine

# TEST BORING LOG

PROJECT & E
LOCATION East At Pullsfull Mars

DATE STARTED 7/14/80 DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/

# HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE.NO. 74

SURF. EL

JOB NO.

GROUND WATER DEPTH WHILE DRILLING 3 4 4

BEFORE CASING REMOVED

AFTER CASING REMOVED 33, 0 - Line Cuel

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD	N	DESCRIPTION OF MATERIAL	STRAT CHANG DEPTH
		σZ		PER 6"		, 6 Cement	DEFI
						soulselt grould	
					-	of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of th	
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						sily much from 13	
				<del></del>		300 C	
						A Same	Į.



FISHER ROAD EAST SYRACUSE, N.Y. 13057

DATE STARTED / DATE COMPLETED

HOLENO. 23 SURF. EL

JOB NO.

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

GROUND WATER DEPTH WHILE DRILLING ウェ/

C - NO. OF BLOWS TO DRIVE CASING 12" WI ***/OR -- % CORE RECOVERY** 

**BEFORE CASING** REMOVED

# HAMMER FALLING

**AFTER CASING** REMOVED

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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						Hill want & want	
						fiff	
						·	101
						044	
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		75.3					
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							<u> </u>
,						BOB 45	}

•	•
	parrett
	wolffine

FISHER ROAD EAST SYRACUSE, N.Y. 13057

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PROJECT S. F.	حن م	1 10 Page
PROJECT A. F.	pun	dies illace
DATE STARTED 7/2 9	2/5-1	DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING

HOLE NO. BZC

SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING 4/

BEFORE CASING REMOVED

AFTER CASING

REMOVED 361 la man

30" — ASTM D-1586, STANDARD PENETRATION TEST
C — NO. OF BLOWS TO DRIVE CASING 12" W/ # HA

"/OR -- % CORE RECOVERY

# HAMMER FALLING

**CASING TYPE** 

	DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH	
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FISHER ROAD EAST SYRACUSE, N.Y. 13057

PROJECT PE LOCATION East It Pettsful Mass

DATE STARTED 7/29/80 DATE COMPLETED 7/30/80

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR - % CORE RECOVERY

# HAMMER FALLING

HOLE NO. 27

SURF. EL.

THE RESIDENCE OF SOME STATE OF

JOB NO.

**GROUND WATER DEPTH** WHILE DRILLING 300

**BEFORE CASING** REMOVED

AFTER CASING

REMOVED 29 7 in local

CASING TYPE SAMPLE STRATA DRIVE SAMPLE **DEPTH** Ν CHANGE RECORD DEPTH ind good fell DEPTH PER 6* sandy set & grand sould light smelly sil on chemical from 25' BOB35'

parratt wolffine	TEST BORING LOG	FISHEI EAST S				
PROJECT SELIT PI	Thfull Mars	- : HOLE!				
		SURF.				
DATE STARTED 7/30/80	DATE COMPLETED	JOB N				

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" WI */OR - % CORE RECOVERY

**CASING TYPE** 

# HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO. 28

SURF. EL

JOB NO.

**GROUND WATER DEPTH** سے حی WHILE DRILLING

**BEFORE CASING** REMOVED

AFTER CASING REMOVED & 7 real week

SHEET

SAMPLE STRATA DRIVE SAMPLE DEPTH N **DESCRIPTION OF MATERIAL** CHANGE RECORD DEPTH DEPTH PER 6" . 7 Cencerat pe to med carel The 12_ little oil amos

100 45'



DATE STARTED 7/3//80

**DATE COMPLETED** 

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" - ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR - % CORE RECOVERY

# HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

SURF. EL.

JOB NO.

**GROUND WATER DEPTH** WHILE DRILLING Our

BEFORE CASING REMOVED

**AFTER CASING** REMOVED

**CASING TYPE** 

DEPTH	SAMPLE DEPTH	SAMPLE	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH	
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PROJECT & E PUTET PUTEFULD MANO LOCATION ENTRY PUTEFULD MANO

DATE STARTED 7/3480

**CASING TYPE** 

DATE COMPLETED 7/31/80

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" WI

# HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO. つ

SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING / the later REMOVED 25 ' Lie well

SHEET O

SAMPLE SAMPLE STRATA DRIVE SAMPLE DEPTH DESCRIPTION OF MATERIAL CHANGE RECORD DEPTH DEPTH **PER 6"** PUC screen mosmell g sil BOB351



### **TEST BORING LOG**

PROJECT SE PUTAGER MAND

DATE STARTED 7/36/80 DATE COMPLETED

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/
"/OR — % CORE RECOVERY

# HAMMER FALLING

FISHER ROAD

EAST SYRACUSE, N.Y. 13057

HOLE NO. 3/

SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

OF

BEFORE CASING REMOVED

AFTER CASING REMOVED

SHEET

SAMPLE SAMPLE DRIVE SAMPLE DEPTH N **DESCRIPTION OF MATERIAL** RECORD CHANGE DEPTH DEPTH **PER 6"** gravel fre. D Cop somerond no oil smell 20' a' wet foldervation

BOB 20'

	parratt
L	wolffine

PROJECT SE PUTESPEUD MESO
LOCATION East & Puttspeud Meso
DATE STARTED 8/1/80 DATE COMPLETED

N - NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C - NO. OF BLOWS TO DRIVE CASING 12" W/ */OR - % CORE RECOVERY

# HAMMER FALLING

FISHER ROAD

- - - -

EAST SYRACUSE, N.Y. 13057

HOLE NO. 32

SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

**BEFORE CASING** REMOVED

AFTER CASING

REMOVED

**CASING TYPE** 

SHEET

	DEPTH	SAMPLE DEPTH	SAMPLE	SAMPLE DRIVE RECORD PER 6*	N	DESCRIPTION OF MATERIAL CHANGE DEPTH  soul grand mine fill
						sand futo er granel some brukler
	a "	PVC	se	elu		John War
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						south west scile I down
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						00820

parrett wolffine

PROJECT SE STATE PITTIFUL MASS LOCATION East ST PITTIFUL MASS DATE STARTED 8/1/80 DATE COMPLETED

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N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" WI "/OR — % CORE RECOVERY # HAMMER FALLING

FISHER ROAD EAST SYRACUSE, N.Y. 13057

HOLE NO. 33

SURF. EL.

JOB NO.

GROUND WATER DEPTH WHILE DRILLING

BEFORE CASING REMOVED

AFTER CASING

REMOVED 17.5 in well

**CASING TYPE** 

	DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	С	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
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-							Vouldes	
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_sn	. ,	o p	). <b>/j</b>	<u>_</u>				20
							ns sil smell	
i							amed pail from 15.	247
							with & RR Trock of down.	net
							BOB 20'	



## SAMPLE/CORE LOG

_ lleW\ğiind&	11RPro	oject/No. 🔔	NO360E25	Page!of
Site Location		•		Drilling 8/14/86 Drilling 8/14/86 Completed
Total Depth I				of Sample/ g Device Split Spoon
Length and Door Coring Dev	iameter ice	2' x 2"	· ·	Sampling Interval2 feet
Drilling Fluid I	Used	None		Drilling MethodAuger
Drilling Contractor _	Parratt	Wolff, In		Driller Wayne Helper Karl
	N. Chil			Hammer 140 Hammer 30 inches
Sample/C (feet below From	core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
0	2	11 in	6-8-5-19	Fill: sand, silt, gravel, and cinder;
		{		tan and black.
2	4,	12 in	20-37-19-2	O Fill: sand, silt, gravel, cinder, and
, L				crushed concerete; black.
4 .	6	18 in	8-8-9-8	do (4-5 ft)
				Silt, tan and sand, medium, brown in
		,		alternating layers; some gravel, and
				little cinder (5-6 ft).
6	8	6 in	20-18-12-1	1 do
. 8	10	12 in	4-6-7-6	Silt and sand, fine with some gravel;
				brown and tan (8-9 ft).
				Gravel with some silt, sand, wood chips
				and mica flakes; black.
10	12	12 in	5-6-7-6	do (with black sludge at 11.5 ft)
12	14	0	7-12-15-7	No recovery (wood blocked hole).
14	16	9 in	7-7-6-8	Shredded wood, stained with black oil,
				fluid at 14.5 ft.



# SAMPLE/CORE LOG (Cont.d)

BOOMNO/Well		11B			Page 2 of 2
Prepared	Ву	Ν.	<u>Chi</u>	lds	<del></del>
Sample/Core (lest below land			nt	Time/Hydrauilc Pressure or Stews per 5	·
From	To	(1e	6t)	inches	Sample/Core Description
16	18	24	in	12-10-12-	18 do (16-17 ft)
		<u> </u>			Gravel, fine and sand, medium to coarse; light
					greenish gray, oily, strong odor.
18	20	18	in	8-10-8-12	do
20	22	18	in	7-9-12-15	do
22	24	18	in	7-9-12-15	do (22-22.5 ft)
i		; ;			Silt, tan with some pebbles.
24	24.5	<b>,</b> 4	in	50 blows 0.5 ft	do
24.5	26	0	•	Drilled	Hit obstruction.
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				<del> </del>	

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logs		ve-compinatio	n of the	samile,	core. or:	:er. a	and geop	nys ca	
we 🗀	12	Project	N360ST1	. <del></del>			Page	0	<u> </u>

Date/	10/1/80 Lithologic Unit Description	Lithologic Unit Depth Below Land Surface from (ft) to (ft)				
	.2 Blacktop7 cement	0	0.7			
	Misc. black fill	0.7	5.51			
!	Brown, fine-medium grained silty	5.5'	12			
	sand; no gravel in unit:					
	Brown silty sand interbedded with	12	13			
	fine gravel layers					
	Gray-green well sorted sand and	13	26			
	gravel					
	oil stain and smell 13-29'					
	Brown, v. dense silt with embedded	26				
	gravel					
	BOB 31' 20' screen 10' pipe 1cb					
			,			
			<del> </del>			
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		<del></del>				
		1	}			

### 351155 <u>\$7 <u>\$</u> 100</u>

-r interpretative compination of the sample, core, driller, and geophysical υşs n= 13 Project N3605T1 Page 1 of 1 Lithologic Unit Depth Below Land Surface Date/ Time 10/1/80 Lithologic Unit Description from (ft) to (ft) 8, 8" Blacktop and Cement - misc. fillwood, metal, wire 8 15' Moist, brown fine to medium grained silty sand Gray, well sorted gravel and sand 151 oil stain and smell 15-25.5' 808 30' - 20' screen- 10' pipe - 1 curb box

## 3E0100 37 8 100

At interpretative combination of the sample, core, of then, and geodhysical logs.

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		Lithologic Ur	nit Depth
late: Ti⊓e	10/2/80 Lithologic Unit Description	Below Land : from (ft)	
	Blacktop and Concrete	0	811
	Misc. fill material	8''	51
<del>-</del> <del></del>	Moist, brown fine-grained silty sand	51	14
i 	with embedded granules (mostly quartz		
	and rock fragments)		
	Gray, well sorted gravel and sand	14	
1	oil smell and stain 14-27'		
	wet at 20'		
!	after 25' the gravel is interbedded		
	with a brown silt (1' thick layers)		
	BOB 30' -20' screen -10' pipe -1 curb box		
			-

inc geodnysical arc.00_3__________

An interpretative combination of the sample, core, driller, and a sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample of the sample	nonysical
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	page 1 of 1
sample, colu	Fage
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compination	a ath
AREA Z	Lithologic Unit Depth Lithologic Surface to (ft)
At inte	Lichologiand Surface (ft)
An interpretative compination AREA 2	
Well	from 2
HE. T	0 5
Date/ 12/2/80 Lithologic Unit Description	
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Date/ 12/2/80 Lithologic fill	
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Date/ 12/2/80 Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Lithologo Li	
woist, black, chimmedium grained	
Moist, black, cinder fill Moist, tan, fine to medium grained Moist, tan, fine to medium grained	12'
Moist, tan	
sand; cobbles at 7' sand; cobbles at 7'  Moist, gray, well sorted gravelly  moist, gray, well sorted gravelly  interbeds of moist,	
sand,	
int. gray, Well	
Motsty interbeds of "	
Moist, gray, well as sand sand with interbeds of moist,	
sand with interbeds or sand brown, loose silt and fine sand	
brown, loose site strong oil stain and smell	
arong oil sta	
16-26	
38'	
sediment wet at 18'	
sedimeric 15' 2" pvc Scre	en
151 211 PVC	
BOB 30' 15' 2" PVC	
1 curb box	

## 

AREA 2

(An interpretative combination of the sample, core, driller, and geophysical logs)

Well_	15 Project AREA 2	Page	of1
Date/ Time	12/2/80 Lithologic Unit Description	Lithologic U Below Land from (ft)	Surface
	Moist, brown, cobble fill	0	2
	Moist, black, cinder fill	2	5
	Moist, tan, fine to medium grained	5	12
	sand; cobbles at 7'		
	Moist, gray, well sorted gravelly	12 '	
	sand with interbeds of moist,		
	brown, loose silt and fine sand		
	strong oil stain and smell		
	16-26'		
	sediment wet at 18'		
	BOB 301 151 211 PVC Screen		
	15' 2" PVC Pipe		
	1 curb box		
			,
			· · · · · · · · · · · · · · · · · · ·
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# SAMPLE/CORE LOG

<del>DXXX</del> X/Well.	15R	_ Project/No.	N0360ES4	Page1of2
Site				Drilling Drilling Completed 8/15/86
Total Depth	Drilled	26		of Sample/
Hole Diamete	er	8	_ (inches) Coring	Device Split Spoon
Length and I of Coring De	Diameter vice	2' x 2"	<del>"  </del>	Sampling Interval2 feet
Drillina Fluid	Used	None		Drilling Method Auger
Drilling				
				Driller Wayne Helper Karl
Prepared By	N. C	hilds		Hammer Hammer Weight 140 Drop 30 inches
(feet below	Core Depth land surface	Recover		
From	To	(feet)	inches	. Sample/Core Description
0	2	14 in	3-4-5-7	Gravel, sandy: with some silt: tan
				(0-1.5 ft) and black (1.5-2ft).
2	4	8 in	10-10-6-8	Gravel. sandy: with some silt: light brown
. 4	6_	12 in	3-3-7-8	do
66	8	12 in	3-3-5-5	do (6-7 ft)
,				Sand, fine to medium, yellow-tan.
	<u> </u>			(7-8 ft).
8	10	18 in	4-6-8-7	do (8-8.5 ft)
				Sand, fine, silty, brown; with some
				gravel (8.5-10 ft)
10	12	12 in	10-3-3-4	Silt, brown; with trace gravel, fine
	<u> </u>			(10-11 ft).
·	<u> </u>			Gravel: with some silt and fine sand:
<u>.</u>				gray-brown (11-12 ft)



# SAMPLE/CORE LOG (Cont.d)

<b>BXXXX</b> /Well <u>15</u>	<u>R</u>
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	Page	2	of.	_2	
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rep	ared	Ву	Ν.	Childs	
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Sample/Co ret below la		) Corr Recov		Time/Hydraulic Pressure or Blows per 5	
From	To	(leat		inches	Sample/Core Description
12	14	12 i	n	3-4-5-10	Sand, medium to coarse, gravelly, brown and gray;
					some gravel (12-13.5 ft).
	<del> </del>		j		Sand, medium to coarse, silty, brown and gray; some
					gravel (13.5-14 ft)
14	16	14 i	п	4-6-10-10	do (14-14.5 ft)
<del>- · · ;</del>	<del></del>				Sand, coarse, gray; grading into gravel, fine, sandy,
· 					gray (14.5-16 ft)
16	18	16 i	n	8-12-15-16	do (16-17 ft)
<del></del>		<del></del>			Sand, fine, gray; diesel fuel order (17-18 ft)
18	20	12 i	n	5-4-8-12	Sand, medium to coarse, gravelly, gray; diesel
		 			fuel order.
20	22	16 i	п	9-11-13-5	do
22	24	24 i	п	21-10-8-6	Gravel, sandy; trace silt, gray, slight diesel fuel
	-		- }		odor.
24	26	12 i	n	5-5-3-7	do
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At interpretative complication of the sample, core, driller, and geophysical

0 2 5 Project AREA 2 16 _____ Page 1 of 1 Lithologic Unit Depth Date/ 12/1/80-12/2/80 Time Lithologic Unit Description Below Land Surface from (ft) to (ft) Moist, brown, very loose gravel 0 9 and silt fill Moist, gray, poorly sorted sand 9 with quartz cobbles and boulders; Thin (2-4") layers of brown peat near top of unit - wet after 16' becomes better sorted with depth BOB 251 10' 2" PVC Screen 15' 2" PVC pipe 1 curb box

#### SAMPLE/CORE LOG

BORING/WELL: 16-R

PROJECT NO: NO360WB1

PAGE: 1 of 2

DRILLING

SITE General Electric LOCATION: Pittsfield, MA

STARTED: 2/20/87

DRILLING COMPLETED: 2/25/87

TOTAL DEPTH DRILLED: 26 feet

HOLE DIAMETER: 8 inches

TYPE OF SAMPLE/CORING DEVICE: Split Spoon

LENGTH & DIAMETER OF CORING DEVICE: 2' x 2"

SAMPLING

INTERVAL:

2 feet

LAND-SURFACE

ELEVATION:

976 feet

{ } SURVEYED (x) ESTIMATED DATUM:

MSL

DRILLING FLUID USED: None

DRILLING METHOD: Hollow Stem Auger

CONTRACTOR: Soil & Mat'l Testing DRILLER: Dan

HELPER: Kenny

PREPARED BY: Nick Childs

HAMMER WEIGHT: 140 lbs HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION	
	FROM	TO				
	0	2	0	Drill	Refusal due to permafrost and cobbles.	
	2	4	16"	34/28/	Sand (60%); gravel (30%); silt (10%); gray-brown;	
				19/8	poorly sorted.	
	4	6	12"	8/8/	Same as above.	
				8/7		
	6	8	12"	10/15/	Sand (50%); gravel (30%); cobbles (10%); silt (10%);	
				76/19	multicolored, poorly sorted, some brick.	
	8 10 12" 13		13/11	Same as above.		
				6/10		
	10	12	9"	10/16	Silt (40%); sand (40%); gravel (20%); brown, poorly	
				10/6	sorted, loose.	
	12	14	5"	15/9/		
				9/10	·	
	14	16	0	7/6/	Runny sand residue in spoon. Water at 14.	
				5/10		
	16	18	8*	9/8/	Sand, fine, gray, wet, well sorted.	
	-			6/4		
	18	20	12"	7/4/	Sand (60%), medium-coarse; gravel (35%); silt (5%);	
				5/7	gray, poorly sorted, wet, coarser with depth.	
	20	22	12"	10/5/	Sand (70%), medium-coarse; gravel (25%); silt (5%);	
	6		6/9	gray, poorly sorted, wet.		
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### SAMPLE/CORE LOG (Cont.d)

BORING/WELL: 16-R

PREPARED BY: Nick Childs

PAGE: 2 of 2

SAMPLE NO	SAM DEP	PLE TH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION	
	FROM	TO	1			
	22	24	18"	6/16/	Same as above grading at 23' into gravel (60%); sand	
			1	31/28	(35%); silt (5%); gray, poorly sorted, wet.	
	24	26	24"	13/11/	Same as above.	
			1	13/17		
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### SECUCE ET 8 LCC

An interpretative compunation of the sample, core, onliner, and geophysical

we 17 Project Area 2 Page 1 of 1 Lithologic Unit Depth Below Lanc Surface Date/ from (ft) Time Lithologic Unit Description to (ft) 12/2/80 Moist, black cinder fill Moist, brown, gravel (pebble and cobble) with silt matrix - thin (1-2") layers of clayey silt with organic material. 11 Moist, blue-gray silt with gravel. 11 13 Moist, gray silt with thin (1") borwn peat layers and disseminated organic material. 13 14.5 Moist-wet, blue-gray, well-sorted gravelly sand layers of coarse sand without gravel present. 14.5 BOB 25' 10' screen 15' pipe 1 curb box

#### SAMPLE/CORE LOG

BORING/WELL: 17-R PROJECT NO: NO360WB1 PAGE: 1 of 2

DRILLING DRILLING

SITE General Electric LOCATION: Pittsfield, MA STARTED: 2/25/87 **COMPLETED**: 2/28/87

TOTAL DEPTH DRILLED: 22 feet HOLE TYPE OF SAMPLE/CORING DEVICE: Split Spoon DIAMETER: 8 inches

LENGTH & DIAMETER OF CORING DEVICE: 2 ft x 2 in SAMPLING INTERVAL: 2 feet

{ } SURVEYED

LAND-SURFACE ELEVATION: 974 feet (x) ESTIMATED DATUM: MSL

DRILLING FLUID USED: None DRILLING METHOD: Hollow Stem Auger

DRILLING CONTRACTOR: Soil & Mat'l Testing DRILLER: Dan HELPER: Kenny

PREPARED BY: Nick Childs HAMMER WEIGHT: 140 lbs HAMMER DROP: 30 inches

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION	
Ī	FROM	TO				
NO DEPTH R FROM TO 0 2		0	100/4	Cobbles, sand and gravel - frozen.		
				Drill		
	2	4	14"	8/13/	Sand (50%), fine; gravel (30%); silt (20%); brown,	
				9/12	poorly sorted.	
	4	6	3"	17/16	Same as above.	
				14/12		
	6	8	6"	10/9/	Same as above.	
				8/6_		
	8 10 0 4/		4/1/	No recovery.		
				2/6		
	10	12	14"	10/12/	10-11.5': Sand (40%), fine; gravel and cobbles (40%);	
				15/6	silt (20%); brown, poorly sorted.	
					11.5-12': Sand (80%), fine; silt (20%); dark brown,	
					moderately sorted, mica flakes.	
	12	14	18"	4/2	Sand (80%), fine; silt (20%); dark brown grading to	
				5/7	greenish-gray at 12.5', well sorted mica.	
	14	16	20"	2/4	Sand (75%), coarse; gravel (20%); silt (5%); gray	
				4/6	and black, poorly sorted, mica flakes, wood chips,	
					wet. Water at 14'.	
	16	18	14"	6/4/	Same as above.	
				10/8		

### SAMPLE/CORE LOG (Cont.d)

BORING/WELL: 17-R PREPARED BY: Nick Childs PAGE: 2 of 2

SAMPLE NO	SAMPLE SAMP NO DEPT		SAMPLE CORE BLOW RECVRY COUNTS		SAMPLE/CORE DESCRIPTION
	FROM	TO			
	18	20	14"	3/2/	18-19': Same as above.
		<del> </del>		2/8	19-20': Silt, gray, well sorted.
	20	22	12"	1/1/	Sand (90%), coarse; silt (10%); gray, moderately
***************************************		1		Push	sorted.
					Stopped sampling - sand pushing up into augers.
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#### \$20103 ST_S_103

14t interpretative combination of the sample, core, driller, and geophysical

we': 18 Project AREA 2 Page 1 of 1 Lithologic Unit Depth Below Land Surface Date/ 11/25/80 Lithologic Unit Description from (ft) to (ft) Time Moist, black fill; cinders; wood; 10 metal; etc... Wet, black, silt with peat layers 10 14 Moist, black, loose silt and peat- ----14 19 Wet, oily, black, poorly sorted 19 25 gravelly sand Wet, brown, med. dense, fine-grained sand 25 BOB 27' 15' 2" PVC Screen 10' 2" PVC rise 1_curb_box

### GEOLOG STYS LOG

in the translative complination of the sample, core, driller, and geophysical opsi

F 6	21 AREA 2 Project	Page of1			
Date/ Time	12/1/80 Lithologic Unit Description	Below Land	thologic Unit Depth Below Land Surface Tom (ft) to (ft)		
	1.5" Blacktop 10" HARD CONCRETE	0	1'		
	Moist, brown-black cobble fill-wire	1'	7'		
	wood, brick, etc				
	Moist, brown, micaceous silt: very loose	7	14		
	trace of gravel; lenses of coarse sand				
	and fine pebble gravel				
	Wet, brown, poorly sorted gravelly	14	19.5		
	sand; gravel clasts 1.5" across				
	abundant metamorphic rock fragments				
	Wet, gray, coarse-grained sand with	19.5			
	lenses of pebble gravel: sand				
	running up augers at 21'				
			<u> </u>		
`	BOB 21 .	·			
	BOW 20				
	10' 2" PVC Screen				
	10' 2" PVC Pipe				
	1 curb box				
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# 383263 87 8 203

jags)		51, ve - 20m2 : 1141 : 01		C 30 00 C,	COTE.	с, е	ne geo	PHYSIC.	<b>c</b> :	
well_	22	Project _	AREA	2		 <u></u>	_ Page		of	

te/ 12/3/80 he Lithologic Unit Description	Lithologic Unit Depth Below Land Surface from (ft) to (ft)			
1" Topsoil; Moist, brown, coarse-grained	0	to (ft		
sand; pockets of granule and pebble				
gravel				
Moist, black, poorly sorted gravelly	7	14.5		
sand; wire, metal and other exotic				
items				
Moist, blue-gray silt with organic	14.5	19		
material; micaceous; tar smell				
Moist, gray, medium-grained sand;	19	24.5		
coarsens with depth; oil smell and stain				
Moist, brown silt with embedded	24.5			
gravel				
BOB 28				
BOW 27				
10' 2" PVC Screen				
18.5' 2" PVC Pipe				
(1.5' stick-up)				

#### GEOLOG ST S LOG

At interpretative combination of the sample, core, drillier, and geophysical

D g S AREA 2 _____ Page ____ of ____ Lithologic Unit Depth Date: 12/4/80 Below Land Surface Time Lithologic Unit Description from (ft) to (ft) Moist, brown, silt and fine gravel 8.51 fill with wood, wire, metal, etc... Moist, black, medium-dense silt 8.5 14 with embedded gravel; tar smell Moist ( wet after 19'), medium-dense, 29 gray, well -sorted, gravelly sand; oil stain and smell; coarse gravel greater than 2' across Moist, brown, medium-dense silt; 29 embedded gravel BOB 30' BOW 281 20' 2" PVC Screen . 18.51 2" PVC Pipe (1.5 stick-up)

# <u>JECLOS DT_S LOS</u>

	(An interpretative compination of the sample, core, orliber, and geophysical logs)					
well	24	Project	AREA 2	Page	of	
Date/ Time		30 Lithologic Unit Description		Lithologic Unit Depth Below Land Surface from (ft) to (ft)		
		1.5" Topsoil; Moist,	brown, poorly sorted	0	3	
		gravelly sand				
:		Moist, black cinder	and gravel fill-tar	3	7	
	·	smell				
		Moist, blue-gray,	sorted, gravelly	7	15.5	
		sand; abundant metam	orphic rock fragments		<del></del>	
		Wet 17' - oily	*****			
		Moist, brown, medium	-dense silt with	24.5		
		embedded gravel			·	
		BOB 28.5			<del> </del>	
-		BOW 28.5		-		
	<u> </u>	201 2" PVC Screen			<del></del>	
_	·	10' 2" PVC Pipe				
		( 1.5' Stick-up)				

## GEOUCG: 5715 120<u>0</u>

(An interpretative combination of the sample, core, driller, and geophysical logs)

Date/ 12/3/80 Lithologic Unit Description Below Land Su from (ft)  1" Topsoil-moist, brown silt and 0  qravel fill  Wet,black, oily, poorly sorted 2  sand and gravel  Moist, black, "Tarry", poorly 13  sorted sand and gravel  Moist, gray, loose silt; trace 17.5  of gravel; organic material  present  Wet, gray, well sorted 22  gravelly sand; abundant  rock fragments and quartz  oily  Moist, brown, dense silt with 28.5	rface
gravel fill  Wet,black, oily, poorly sorted  sand and gravel  Moist, black, "Tarry", poorly  sorted sand and gravel  Moist, gray, loose silt; trace  of gravel; organic material  present  Wet, gray, well sorted  gravelly sand; abundant  rock fragments and quartz	17.5
Wet,black, oily, poorly sorted  sand and gravel  Moist, black, "Tarry", poorly  sorted sand and gravel  Moist, gray, loose silt; trace  of gravel; organic material  present  Wet, gray, well sorted  gravelly sand; abundant  rock fragments and quartz	17.5
sand and gravel  Moist, black, "Tarry", poorly  sorted sand and gravel  Moist, gray, loose silt; trace  of gravel; organic material  present  Wet, gray, well sorted  gravelly sand; abundant  rock fragments and quartz  nily	17.5
Moist, black, "Tarry", poorly  sorted sand and gravel  Moist, gray, loose silt; trace  of gravel; organic material  present  Wet, gray, well sorted  gravelly sand; abundant  rock fragments and quartz	
sorted sand and gravel  Moist, gray, loose silt; trace 17.5  of gravel; organic material  present  Wet, gray, well sorted 22  gravelly sand; abundant  rock fragments and quartz	
Moist, gray, loose silt; trace 17.5  of gravel; organic material  present  Wet, gray, well sorted 22  gravelly sand; abundant  rock fragments and quartz	22
of gravel; organic material  present  Wet, gray, well sorted 22  gravelly sand; abundant  rock fragments and quartz	22
present  Wet, gray, well sorted 22  gravelly sand; abundant  rock fragments and quartz	
Wet, gray, well sorted 22  gravelly sand; abundant  rock fragments and quartz	
gravelly sand; abundant  rock fragments and quartz	
rock fragments and quartz	28.5
oily	
Moist, brown, dense silt with 28.5	
embedded quartz gravel	
BOB 301	
20' 2" PVC Screen	
9' 2" PVC Pipe	

### 310108 5T 8 108

An interpretative compination of the sample, core, driller, and geophysical logs

Project AREA 2	Page	of
Date/ Time 12/2-3/80 Lithologic Unit Description	Lithologic Unit Depth Below Land Surface from (ft) to (ft	
2" Topsoil: MOist, brown silt with sand	0	5.5
and fine gravel		
Moist, black (stained ?) heterogeneous	5.5	13.5
mixture of silt, sand and cobbles (coal tar		
smell); slag and cinder		
Dry, brown, coarse-grained, gravelly	13.5	19'
sand; abundant rock fragments; wet		
and sticky at 18'		
Wet, gray, micaceous silt; oily;	19	23.5
(coal tar); organic material disseminated		
through out		
Wet, greenish-gray, well sorted sand	23.5	26
and pebble gravel		· · · · · · · · · · · · · · · · · · ·
Moist, brown, dense silt with embedded	26	
gravel		·
BOB & BOW 28.51		
20' 2" PVC Screen		
10' 2" PVC Pipe		
(1.5' stick up)		<del></del>

## <u>GEOLOG 57'S LOG</u>

who interpretative combination of the sample, core, criller, and geophysical

logs	$\widetilde{I}$ .				
well	28 Project	AREA 2-SOUTHSIDE	Page	1 of1	
Date/ <u>Time</u>	5/18-19/81 Lithologic Unit De	escription	Lithologic Unit Depth Below Land Surface from (ft) to (ft)		
	Brown,clean,silty fill; v		0	13	
	loose				
	Moist,black, silty and gr	avelly	13	25	
	sand; strong oil stain an	d smell			
	layers of moist, organic	silt free			
·	of oil				
· · · · · · · · · · · · · · · · · · ·	2½ " PVC	10' screen			
		15¹ Riser			
		1 curb box			
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### 380100 5T 8 106

interpretative combination of the sample, core, priller, and deophysical

υÇΞ Project AREA 2-SOUTHSIDE Page 1 of 1 Lithologic Unit Depth Below Land Surface Date 5/18/81 from (ft) to (ft) Time Lithologic Unit Description Blk-brown clean heterogeneous fill moist, olive-green, fine-grained 4.5 silty sand with quartz pebbles and misc cobbles - very loose Grades into olive-green siltoil smell at 9' Moist black coarse-grained sand with pabbles - strong coal tar stain and smell - wet at 15' Moist, gray, micaceous silt; oil 16 27 stained neat top; organic streaks; lenses of coarse sand with chlorite schist fragments - some of the sand lenses are oily  $2\frac{1}{2}$ " PVC - 10' screen 17' riser 1 curb box

## GEOLOG ST S LOG

(An interpretative combination of the sample, core, driller, and geophysical

1005	i				
Well	30 Project AREA 2- SOUTHSIDE	Page _	1 of 1		
Date/ Time	5/19/81 Lithologic Unit Description	Below Land	Lithologic Unit Depth Below Land Surface from (ft) to (ft)		
	Brown-black, loose, silty fill:	0	20'		
			20.		
	gives way to cobble fill with silt				
	matrix at 10'; coal; slag;				
	Wet, gray, organic silt; slight	20			
	oil smell				
	2" PVC 10" screen				
	14¹ riser				
	1 curb box		,		
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### CECLTS ST & LOG

An interpretative combination of the sample, core, driller, and geophysical

31 Project AREA 2-SOUTHSIDE Page 1 of 1 Lithologic Unit Depth Below Land Surface Date/ 5/19/81 Lithologic Unit Description from (ft) Time to (ft) Black-brown silty fill with 0 21 cobbles; loose; moist; wood, brick: slight coal tar smell at 15' Wet, black, loose, coarse-grained 21 sand with gravel; strong oil stain and smell 2" PVC 10 screen 15! riser ____1 сигь ьох

# GEOLOG ST S LOG

TAR interpretative combination of the sample, core, driller, and geophysical

well_	32 AREA 2-SOUTHSIDE	Page	of		
Date/ Time	5/19/81 Lithologic Unit Description		Lithologic Unit Depth Below Land Surface from (ft) to (ft)		
	Black silty fill	o	3		
	Moist, brown fill with marble clasts;	3	10		
	cobbles; wire; brick:				
	Moist, brown, silty and gravelly sand;	10	16		
	wire				
	Wet, black, silt; strong oil stain	16			
	and smell - grades into wet, black				
	oily, course- grained sand; becomes				
	cleaner and assumes a gray				
	color at 21'				
	2" PVC 10' screen				
	10' rîser				
,	1 curb box				
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## GEOLOG ST S LOC

At interpretative compination of the sample, core, driller, and geophysical pos

Date/ 5/19/81 Time Lithologic Unit Description	Below Lar	Lithologic Unit Depth Below Land Surface from (ft) to (ft)		
Brown, heterogeneous fill	0	3		
Blk (oil stained) hetero fill	3	8		
Brown, silty fill - turns black	8	16		
color; abundant cobbles				
Wet, black, oily, coarse-grained	16			
gravelly sand				
BOB 20'				
2' PVC 10' screen				
9' riser				
1 curb box				
		,		
		,		

## GEOLOG 5715 LOG

vell Project AREA 2-SOUTHSIDE	Page _	1 of1		
Pate/ Time 5/19/81 Lithologic Unit Description	Below Land	Lithologic Unit Depth Below Land Surface from (ft) to (ft)		
Brown, heterogeneous fill	0	2		
Blk, oil stained fill	3	8		
Blk, oily, coarse-grained sand:	8			
wet at 10';				
2½ PVC 10' screen				
5' riser				
1 curb box				
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### <u> 180100 37 8 100</u>

-- Interpretative complination of the sample, core, driller, and geophysical me 35 Project AREA 2-SOUTHSIDE Page 1 of 1 Lithologic Unit Depth Date/ Below Land Surface 5/19/81 Lithologic Unit Description Time from (ft) to (ft) Brown, heterogeneous fill 0 2 Blk, oil stained, fill 2 2<del>1</del>" PVC 10' screen 5' rîser

## GECLOGIST'S LOC

	(An interpretative combination of the sample, core, driller, and geophysical logs)						
Well.	36	Project .	AREA 2 (SOUTHSIDE)	Page 1	of		
Date/ Time	5/20/81	Lithologic U	nit Description	Lithologic Below Land from (ft)	Surface		
		Black-brown sandy	fill	0	3		
		Brown silty fill;	loose; clean	3	12		
		Wet, brown, organ	nic silt and	12			
	•	fine sand; no oil	smell or stain				
		2½PVC	10 ¹ screen				
			5' riser				
			1 curb box				
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### 555165 ST S 166

-- riempretative combination of the sample, core, driller, and geophysical υÇΞ 37 Project AREA 2 (SOUTHSIDE) _____ Page 1 of 1 Lithologic Unit Depth Date Below Land Surface. Lithologic Unit Description from (ft) to (ft) ine Brown silty fill 2 Moist, gray, micaceous and 2 8 organic silt; wet at 8' - chemical 8 smell - no oil 2"PVC 10' screen 5' riser curb box

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iogs	nterbreta	ative combination	of the sample, core, dr	Ther, and geoph	vslcal '
well_	38	Project _	AREA 2 (SOUTHSIDE)		of 1
Date/	5/20/81	Lithologic Un	it Description	Lithologic   Below Land from (ft)	Unit Depth Surface to (ft)
		Silt and gravel f	7111	0	2
		Moist, brown, sil	ty sand	2	10
		Wet, light gray,	fine-grained sand	10	! !
		and silt: large b	oulders present		
		oil smell?	· · · · · · · · · · · · · · · · · · ·		
		2" PVC	10' screen		
			5¹ riser		
			1 curb box		
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## <u>980203 87 8 208</u>

An interpretative combination of the sample, core, driller, and geophysical logs

we'l	39 Project AREA 2 (SOUTH_SIDE)	Page 1	of 1		
Date/ Time	5/20/81 Lithologic Unit Description	Below Land	Lithologic Unit Depth Below Land Surface from (ft) to (ft)		
	Black, heterogeneous fill; wood;	0	6		
	wire; cobbles with loose silt matrix				
:	oil stain and smell at 3'				
	moist, black, loose silt: micaceous:	6	-		
	no smell or stain: turns brown color				
<u> </u>	at 9'				
	2"PVC 10' screen		_		
-	5¹ riser				
-	1 curb box		<u> </u>		
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### GEOLOG ST<u>18</u> LOG

The Interpretative combination of the sample, core, driller, and geophysical logs` We 1 40 Project AREA 2 (SOUTH-SIDE) Page 1 of 1 Lithologic Unit Depth Below Land Surface Date/ Time 5/20/81 Lithologic Unit Description from (ft) to (ft) Brown, heterogeneous fill Rlack oil-stained silty fill Black, oil-stained, loose cobbles 10 Moist-wet, brown, fine-grained sand 14 and silt; clean 2±"PVC 10' screen 10' riser 1 curb box

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en incerpretative como nation of the sample, come, only and and gegon a pa 0 9 3 AREA 2 (SOUTHSIDE) Fage 1 0 1 Lithologic Unit Depth Selow Land Surface Date 5/20/81 from (ft) to (ft) Lithologic unit Description Brown, heterogeneous fill Moist-wet, black, heterogeneous fill 2 strong oil stain and smell 2½"PVC 10' screen 10' riser 1 curb box

# <u> 181104 27 8 100</u>

interpretative combination of the sample, core, drillier, and geophysical

	42	Project AREA 2 (SOUTHSIDE)	Page	1 of 1	
late The	5/21/81	Lithologic Unit Description	Lithologic L Below Land from (ft)	Lithologic Unit Depth Below Land Surface from (ft) to (ft)	
		Loose, brown heterogeneous fill	0	8	
		Moist, grayish-brown fine sand and	8	16	
		silt; gravel clasts ½"Ø - slight			
		oil smell; wood and organic material			
		at 13'			
		Moist, black, fine silty sand; oil	16		
		stain and smell; wood; wet at 171			
<del> </del>					
		2"PVC 10" screen			
	· · · · · · · · · · · · · · · · · · ·	10' riser			
		1 curb box			
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he''	43	Project _	AREA 2 (SOUTHSIDE)	Page 1	of 1
Date/ Time	5/21/81	Lithologic Un	it Description	Lithologic Below Lanc from (ft)	Unit Deptn Surface to (ft)
	Brow	vn-black gravel	and wood fill	0	14
····	Mois	st-wet, gray sil	ty sand and	14	
	grav	vel; oil smell;			
!	21	'PVC 10' s	creen		
:   1 	·	10' r	iser		
		1 cur	b box		
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 -	44 Froject Area 2 (Southside)	= 0.0	1_ of1
îate Tome	L'thologic Unit Description	Lithologic L Below Land from (ft)	
5/21/81	Black silty fill and wood; slight oil smell.	0	3
	Brown silty fill; gravelly; no smell.	3	12
	Black, silty and gravelly fill; wire.	12	13.5
	Moist-wet, olive-green silt and fine sand; no smell.	13.5	
	2" PVC 10' screen		!
	10' riser		
	1 curb box		
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To interpretative complination of the sample, core, driller, and geophysical case

Fraject Area 2 (Southside)		of 1
Date Time Lithologic Unit Description	Lithologic U Below Land from (ft)	Surface
/22/81 Trap rock; road bed material.	0	0.5
Brown-black snady fill; wood (R.R. ties); metal.	0.5	3
Fill (misc.).	3	14.5
Moist, grayish-green, fine silty sand; sour smell;		
no oil; wet at 15'.		
2" PVC 10' screen		
10' riser		<del></del>
1 curb box		
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₩e``_	Project Area 2 (Southside)		of _
Date/ Time	Lithologic Unit Description	Lithologic U Below Land from (ft)	Surface
81	Moist, brown silt and gravel fill.	0	14
	Moist, black silt and fine sand; oil smell and stain.	14	21
	Moist-wet, black, coarse-grained oily sand.	21	
	2" PVC 10' screen		
	15' riser		
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# <u>351_03_57 8 L03</u>

An interpretative combination of the sample, core, driller, and geophysical

≒€': <u>_</u>	Area 2 (Southside)	Page 1	of
Date/ Time	Lithologic Unit Description	Lithologic U Below Land from (ft)	nit Depth Surface to (ft
1/81	Topsoil	0	0.3'
1	Black silt and gravel fill.	0.3	2
	Moist, brown, fine-grained silty sand some gravel;		
	virgin wood; homogeneous.	2	17
[	Moist, brown, silty sand with 1/2" d gravel clasts		
	(quartz).	17	23
	Wet, brown-black, coarse-grained sand; slight smell.	23	
	2" 10' screen		<del></del>
	15' riser		
	l curb box		
,			
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<b>Bankki</b> /Weil_	49 Pro	xiect/No. N	10360ES4		· `	Page	1	of 2
Cita			ea 2)	Drilling 8		_	ted 8/	
Total Depth D		(f		of Sample/	Split S	poon	_	
Length and Door of Coring Dev	iameter _	ft x 2 in			Sampling	interval_	2	fee
Drilling Fluid (	Jsed Nor	ne			Drilling Me	thod	Auge	г
Drilling Contractor Pa	arratt-Woli	ff, Inc.		Driller _	Wayne	Hai	_{ner} Kar	1
							•	30 inches
	ore Depth land surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6					
From	To	(test)	inches		Sample/Core	Descripti	<b>0</b> 0	
0	2	12 in	2-13-8-5	Topsoil (5	in)			
				Fill; silt,	sand and	grave	1	
2	Ļ	10 in	2-3-4-3	Fill; silt,	_sand_and	fine	gravel,	orange
				brown				
4	6	10 in	4-6-3-3	Fill; silt,	sand, fir	ne gra	vel and	cinder
66	8	16_in	4-6-10-12	do	(2 in)			
				Sand, fine	to medium	, oran	ge-tan;	with
				mica				
8	10	24_in	5-7-9-6	do				
10	12	0	4-5-6-6	No recovery	,			
12	14	12 in	6-9-10-8	Sand, medit	ım to coar	se; so	me fine	gravel
				and silt (7	7_in)			
				Sand, medic	ım. tan-or:	ance.	with ba	nds of
				mica				
14	16	16 in	3-6-6-9	Sand, fine	to medium	. orav	ish-tan	and
				orange: son				J., 4



## SAMPLE/CORE LOG (Cont.d)

<b>B&amp;XX&amp;</b> /Well		49			Page of	
Prepared By		N.	Chi	Chi	lds	
Sample/l (lest below From	Core Depth land surface To	e) Co Reco (fe	VELY	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description	
:	18	Ī	<u> </u>	<u> </u>	Sand, fine to medium, brown to gray-brown and orange	
18	20	:		4-4-8-12	do (20 in)	
10			<del>'''</del>	1 0 12	Sand, medium to coarse, gray-brown; some fine gravel	
		24	:_	4-4-5-9	Sand, medium to coarse; with fine sand, gravel, and	
	22	24	in.	4-4-5-5	mica (17 in)	
					Silt, tan; with gray-brown coarse sand, gravel, and	
	<u> </u>			<u> </u>		
	·				mica	
22	24	24	in	5-4-10-13	Sand, coarse and fine gravel, gray-brown; seam of gray	
		· •		]	silt	
24	26	18	in	3-6-7-4	Sand, coarse, and fine gravel; with some silt (16 in)	
					Silty clay, grayish brown-tan; with mica (2 in)	
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BORING WELL 49R	PROJECT NO:	: NY360ST	<b>701</b>	PAGE:	1	
SITE Area 2 LOCATION: General El	lectric Co.	DRILLING STARTED:	12/23/87	DRILL		12/23/87
TOTAL DEPTH DRILLED: 28 ft	HOLE DIAMETER: 8-1/4	4 in.	TYPE OF S	SAMPLE/ EVICE:	Spli	t Spoon
LENGIH & DIAMETER OF CORING DEVICE: 2	ft x 2 in.	SAMPLING INTERVAL:	continuous	s 4 to	18 ft	
LAND-SURFACE ELEVATION:	{}	SURVEYED ESTIMATE	DATUM:	Land Su	rface	
DRILLING FLUID USED:	·	DRILL	LING METHO	D: Holl	ow Ste	m Auger
DRILLING CONTRACTOR: Soil & M	Mat'l. Testing I	DRILLER:	Mike	HEL	PER:_	Kenny
PREPARED BY: R. Eby	HAMME	R WEIGHT:	140 lb.	HAMMER I	DROP:	30 in.

			· · · · · · · · · · · · · · · · · · ·		
SAMPLE NO	SAMPLE DEPIH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	]		
	0	4	-	-	Sand, gravel, clay, no sample taken (fill).
	4	6	_	2-1-	No recovery.
				1-1	
	6	8	.5	wt.rod	Sand (80%), medium, tan-light brown; gravel (10%);
				1-5-5	bentonite slurry (10%); (bottom of bentonite at
					approximately 7.0').
	8	10	1.0	5-6-	Sand (80%), medium, sand (10%) coarse; gravel (10%).
	· <u> </u>			6-6	Tan to light brown sand with some gravel near top,
					iron staining. Lower .2' coarse sand and gravel.
	10	12	1.5	3-2-	Sand (98%), medium to fine; clay (2%); well sorted,
	···········			3-2	tan to gray sand, with dark iron stains near
					bottom of sample. Thin clay layer 0.3' from
					bottom.
	12	14	2.0	4-6-	Sand (90%), medium to fine; silt (10%); well sorted
				5-8	with iron staining at top, grades to silt near
					bottom (lower 0.3'). Note: wet at approximately
					13.5 to 14.0 ft).
	14	16	2.0	8-7-	Sand (75%), medium to fine; clay/silt (25%); upper
				8-7	portion clayey silt grading into well sorted
			_		medium/fine sand with depth. Greenish brown.
			1		
			1		

## SAMPLE/CORE LOG (Cont.d)

BORING WELL 49R	PREPARI
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ED BY: R. Eby

PAGE: 2

SAMPLE NO	DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
<u> </u>	FROM	то			
	16	18	2.0	-	Sand, (85%) medium to fine; silt (15%); clay (trace).
					Well sorted sand becoming uncreasingly silt rich
				•	near middle of sample (~ 17.0'). Thin clay layer
					at ~ 17.5'. Grayish brown with occasional iron
				 	staining.
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BOONNOL/Well_	F	Project/No	N0360ES4	Page 1 of 2
Site				Drilling Drilling Started 5/13/86 Completed 8/13/86
•		26(f	Type	of Sample/ g DeviceSplit Spoon
Length and E	)iameter			Sampling Intervalfeet
Drilling Fluid I	Used No	one	•	Drilling Method Auger
Drilling	Domesta	.Ualff la-		Su- Manne (I-lan Karl
Prenered		lds		Driller Wayne Helper Karl  Hammer Hammer Weight 140 Drop 30 inches
Sample/0 (fast below	core Depth land surface)	Core Recovery (leet)	Time/Hydraulic Pressure or Blows per 6 Inches	Sample/Core Description
0	2	12 in	1	Topsoil (3 in)
				Silt, sandy; with some gravel; brown
2	4	12 in	11-19-25-2	5 do
4	6	16 in	11-15-15-1	6 do
6	8	14 in	8-8-17-18	do (odor)
8	10	15 in	11-12-11-9	Silt, sandy, brown and tan; with some
,				gravel, copper plated metal and plant
			_	fragments (odor)
10	12	16 in	3-3-5-7	Silt, sandy; with little clay, brown.
12	14	24 in	6-8-9-10	do (wet at 14 ft)
14	16	16 in	1-2-3-5	Sand, silty, brown (14-14.5 ft)
				Peat, silty, dark brown (14.5-16 ft)
16	18	16 in	5-9-10-12	Silt, dark brown; with seams of sand, fine
				light-gray, and silty peat; gray-black
				staining (16-17.5 ft)
				Sand, fine to medium, tan with gray
				staining. 17.5-18 ft)



		S	AMPLE/CORE LOG (Cont.d)
Well5	0		Page 2 of 2
d By <u></u>	. Chil	ds	
	Recovery	Time/Hydraulic Pressure or Blows per 6	Accords Many Required to
Ta	(fest)	IRChes	Sample/Core Description
20	16 in_	5-7-9-13	Silt, sandy, brown (18-18.5 ft)
i			Sand, medium, light tan (18.5-20 ft)
22	16 in_	3-6-9-13	Sand, fine to medium, tan and gray; with some silt
<del> </del>	i -		(odor)
24	16 in	7-9-10-8	do (22-22.5 ft)
· · -			Gravel; with some sand, fine and silt (odor)
· <u> </u>			(22.5-24 ft)
26	12 in	7-8-9-15	do
i : :			
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	<u> </u>		
<u>.                                    </u>			
	ore Depth and surface To 20	To Core Recovery (feet)  20 16 in  22 16 in  24 16 in	Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution



Zivina Well_	51 p	roject/No	N0360ES4	Page 1 of 2
Site				Drilling Drilling
Total Depth D			Type o	f Sample/
Hole Diamete	F	(	inches) Coring	Device Split Spoon
Length and Do of Coring Dev	Diameter rice	2 ft x 2	inches	Sampling Interval2 feet
Drilling Fluid I	Used	None		Drilling Method Auger
Drilling				
	Parra	tt-woift,	inc.	Driller Wayne Helper Karl
Prepared By	N. Chi	lds		Hammer Hammer Weight 140 Drop 30 inches
Sample/C (feet below   From	core Depth land surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	Semple/Core Description
. 0	2	9 in	1-3-9-12	Topsoil (4 in)
				Fill: silt, sand, with some grave & wood
2	4	6 in	10-8-20-25	Fill: porcelain and cinder fragments.
4	6	8 in	4-4-7-12	Fill: sand, silt, brick, glass, and
				ceramic fragments.
66	8	6 in	28-32-2-1	Fill: gravel, sand, and silt.
8	10	12 in	7-6-8-8	Fill: cardboard.
				Change at 8.5 ft.: Sand, fine and silt;
				dark brown
10	12	12 in	3-4-5-4	Sand, fine to medium, dark brown, some
				glass and brick fragments at 12 ft.
12	14	14 in	4-3-6-6	Sand, fine, and silt; dark brown, water at
				141.
14	16	16 in	1-2-3-5	Sand, fine-medium coarser with depth,
		<u> </u>		brown grading into gray with dark brown
				bands.



# SAMPLE/CORE LOG (Cont.d)

W\&KK&&				Page2 of2
Prepared		N. Ch		
Sample/Core teet below land From	: Depth d surface) To	Core Recovery (leet)	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
16	18	24 in	3-3-4-5	do (16-17.5 ft)
				Change at 17.5'; peat.
18	20	24 in	4-3-4-5	Sand, fine-medium, silty, brown.
20		:   	1-2-3-3	Sand, medium, gray-brown.
				Change at 20.5': Silty peat grading into peat.
22	24	16_in	3-3-3-4	Silt, dark brown.
j i				Change at 23': Sand fine and silt: dark brown to
				gray with light gray bands.
24	26	16 in	2-2-3-4	Sand, fine-medium and silt, dark brown to gray.
:	1			Change at 25': Sand, medium, brown, with some gravel
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Bonng/Well _ Site	<u>52</u> Pn	oject/No	NO360ES4	Page1 of2 Drilling Drilling
Location	Pittsfield	I, MA	<del></del>	Started 8-13-86 Completed 8-14-86
Total Depth [		·	Type	of Sample/
			nches) Coring	g DeviceSplit Spaan
Length and Devoiring Dev	Diameter rice2	2' x 2"		Sampling Interval 2 feet
Drilling Fluid I	Used <u>Nor</u>	<u> 1e</u>		Drilling Method Auger
Contractor _	Parratt V	olff, Inc	•	DrillerHelperKar ]
Prepared By	N. Childs			Hammer Hammer Weight 140 Drop 30 inches
	Core Depth land aurface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
0	2	16 fn	2-10-22-52	Topsoil (4 in)
		,		Fill: sand, silt, cinder, ceramic
				fragments.
2	4	5 in	10-16-28-3	O Fill: sand, silt, cinder, metal fragments
				glass.
4	6	12 in	4-12-12-8	Sand, medium to coarse and silt; brown.
				stained black in areas, slightly oily,
				slight odor
6	6.4	0	50 blows 0.4 ft	No recovery. Obstruction hit at 6.4 ft
6.4	8	<u>-</u> .	Drilled	
8	10	9 in	2-1-2-10	Fill: gravel, silt, and sand with some
! 				metal & porcelain fragments; dark brown o
				black, slightly oily, odor, water at
				10 ft.
10	12	ő in	10-3-3-4	Fill: gravel, silt, and sand with some
				plant fragments and pieces of cloth; dark
		}		brown to black.



# SAMPLE/CORE LOG (Cont.d)

Bohng/Well _			Page of
Prepared By	N. Chi	lds	
Sample/Core Depited below land sur	th	Time/Hydraulic Pressure or Blows per 6	
From To	(tect)	inches	Sample/Core Description
12 14	12 in	3-4-5-10	Sand, fine-medium, dark brown.
	į į		Change at 13 ft: Gravel with some sand and silt,
,			little mica chips.
14 16	12 in	4-6-10-10	Gravel with some sand and silt; black, oily.
16 18	12 in	8-12-15-16	do
18 20	12 in	6-5-6-9	do
20 22	14 in	4-6-5-7	Sand, coarse and gravel, fine with trace silt; gray.
		!	Change at 21.5 ft: Sand, medium to course with some
	· 		fine gravel; gray-brown.
22 24	18 ir	9-9-8-7	do (22-22.5 ft)
	,	-	Sand, coarse and gravel, fine with trace silt; gray.
24 26	12 in	3-4-5-6	Sand, fine to medium, tan.
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BORING/WEIL: 59	PROJECT NO:	NY360SV	VO1	PAGE:	1
SITE Area 2 LOCATION: General Ele		DRILLING STARTED:	1/5/88	DRITLLI	NG TED: 1/5/88
	OLE CLAMETER: 8-1/4	in.	TYPE OF CORING I	SAMPLE/ DEVICE:	Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 f	tx2in. S	AMPLING NIERVAL:	contin	ious 5 -	19 ft
LAND-SURFACE ELEVATION:		SURVEYED ESTIMATEI	DATUM:	Land Sur	face
DRILLING FILLID USED:	<b>-</b>	DRILL	ING METH	DD: Hollo	w Stem Auger
DRILLING CONTRACTOR: Soil & Ma	at'l. Testing D	RILLER:	Mike	HELF	ER: Kenny
PREPARED BY: R. Eby	HAMMER	WEIGHT:	140 lb.	HAMMER D	ROP: 30 in.

			<u></u>	· · · · · · · · · · · · · · · · · · ·
SAMPLE DEPTH I		RECVRY		SAMPLE/CORE DESCRIPTION
FROM	TO			
0	5	-	1	Sand, gravel, silt, no sample taken (fill).
5	7	.5	2-2-	Sand (50%), medium; gravel (35%); silt (15%).
			2-3	(Fill).
7	9	1.0	1-1-	Bentonite (50%); gravel (20%); sand (15%), coarse;
			2-4	sand (15%), fine; upper 0.8' bentonite and fill
		i		lower portion fine tan sand.
9	11	1.5	9-9-	Sand (60%), coarse; sand (40%), fine; coarse, gray,
			11-11	well sorted sand underlain by fine tan sand with
				iron stains.
1	13	1.0	11-12-	Sand (90%), fine, sand (5%), coarse; gravel (5%).
			12-11	Upper 0.5', fine, tan, sand with iron stain lower,
	_			well sorted, fine, gray, sand grading into coarse
				sand and gravel at about 13', lower 0.1 is oil
			_	saturated.
.3	15	1.0	10-12-	Sand (70%), coarse; gravel (25%); sand (5%), medium.
			10-10	Upper .5' poorly sorted, coarse, sand and gravel
				which grades into medium/coarse, sand, saturated
				with oil.
5	17	2.0	8-10-	Sand (90%), coarse; gravel (10%); gray sand with
			12-12	occasional gravel and pebbles, upper portion
				saturated with oil. Lower 1.0' saturated with
				water.
	DEPI FROM 0 5 7	DEPIH FROM TO 0 5 5 7 7 9 9 11 1 13	FROM TO  0 5 -  5 7 .5  7 9 1.0  9 11 1.5  1 13 1.0  3 15 1.0	DEPTH RECVRY COUNTS FROM TO  0 5 5 7 .5 2-2- 2-3 7 9 1.0 1-1- 2-4 9 11 1.5 9-9- 11-11 1 13 1.0 11-12- 1 2-11 3 15 1.0 10-12- 10-10 5 17 2.0 8-10-

## SAMPLE/CORE LOG (Cont.d)

BORING WELL 59 PREPARED BY: R. Eby PAGE: 2

FROM TO  17 19 2.0 11-11- Sand (90%), medium/coarse, gravel (10%); gray sand  11-20 with occasional pebbles grades into almost all  gravel (lower .2').	
11-20 with occasional pebbles grades into almost all	
	1
gravel (lower .2').	

WELL:	60	PROJECT	NO: NY360E	PS01	PAGE: 1 of	1
SITE LOCATION:	General El Pittsfield	lectric Co. i, MA (Area 2)	DRILLING STARTED:	5/12/88	DRILLING COMPLETED:	5/12/88
TOTAL DEPO	rH 27 ft	HOLE DIAMETER: 8 in	n	TYPE OF S CORING DE	AMPLE/ VICE: Split	Spoon
LENGTH & I		ft x 2 in.	SAMPLING INTERVAL:	5 ft		
LAND-SURFA		{	SURVEYED ESTIMATED	DATUM:		
DRILLING 1	FLUID USED:	None	DRILI	ING METHOD	: Hollow Ste	m Auger
DRILLING CONTRACTOR	R: Soil & N	Mat'l. Testing	DRILLER:	Tom	HELPER: 1	Sob
PREPARED I	BY: W. Gray	7 HAMMI	ER WEIGHT:	140 1ь н	AMMER DROP:	30 in.

SAMPLE NO	SAM DEP		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION	
	FROM	TO				
	0	2	1.0	2-3-	Sand, fine, with silt, some gravel, brown-black.	
				6-5		
	5	7	1.7	5-7-	Sand, medium to fine, some silt, some gravel, medium,	
				5-8	brown.	
	10	12	0.3	7-7-	Sand, fine, with silt, little gravel, little clay,	
				8-8	moist, brown.	
	15	17	0.8	6-8-	Sand, coarse to fine, little silt, little gravel,	
				8-8	(large to medium), brown, moist.	
	20	22	1.1	8-7-	Sand, coarse to fine, with gravel (large to medium),	
				10-13	trace silt, brown-gray, wet.	
	25	27	1.2	7-6-	Sand, medium to fine, some silt, some gravel, trace	
		<u> </u>		7-8	clay, brown, wet.	

WELL:	61	PROJEC:	r no: NY360	PS01	PAGE: 1 of	1
SITE LOCATION:	General El Pittsfield	ectric Co. 1, MA (Area 2)	DRILLING STARTED:	5/13/88	DRILLING COMPLETED:	5/13/88
TOTAL DEP	TH 25 ft	HOLE DIAMETER: 8	in	TYPE OF S CORING DE	AMPLE/ VICE: Split	Spoon
LENGTH & OF CORING	DIAMETER DEVICE: 2	ft x 2 in.	SAMPLING INTERVAL:	2 ft		
LAND-SURFA		. (	) SURVEYED ) ESTIMATE	D DATUM:		
DRILLING 1	FLUID USED:	None	DRIL	LING METHOD	: Hollow St	em Auger
DRILLING CONTRACTO	R: Soil & M	Mat'l. Testing	g DRILLER:	Тош	HELPER:	Bob
PREPARED 1	BY: W. Gray	, HAMI	MER WEIGHT:	140 1ъ н	AMMER DROP:	30 in.

SAMPLE NO	MPLE SAMPLE NO DEPTH		SAMPLE CORE BLOW RECVRY COUNTS		SAMPLE/CORE DESCRIPTION		
	FROM	TO					
	16	18	1.4	4-5-	Sand, medium to fine, some silt and gravel, brown,		
				3-5	moist.		
	18	20	1.7	5-6-	Sand, medium to fine, with silt, trace gravel, trace		
			1	6-6	clay, gray, wet.		
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BORING:	61A	PROJECT NO: NY360	PS01	PAGE: 1 of 1
SITE LOCATION:	General Electric Pittsfield, MA	Co. DRILLING (Area 2) STARTED:	5/13/88	DRILLING COMPLETED: 5/13/88
TOTAL DEPT DRILLED: 2		ren: 8 in.	TYPE OF SACORING DEV	MMPLE/ VICE: Split Spoon
LENGTH & D	IAMETER DEVICE: 2 ft x 2	SAMPLING INTERVAL:	2 ft	
LAND-SURFA	CE	{ } SURVEYED { } ESTIMATE		
DRILLING F	LUID USED: None	DRIL	LING METHOD	Hollow Stem Auger
DRILLING CONTRACTOR	: Soil & Mat'l.	Testing DRILLER:	Tom	HELPER: Bob
PREPARED B	Y: N. Childs	HAMMER WEIGHT:	140 lb Hz	AMMER DROP: 30 in.

<del></del>	SAM DEP	SAMPLE DEPTH		BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	14	16	1.7	7-9-	Sand, medium to coarse (60%); gravel (35%);
				10-15	silt (5%); salt and pepper, poorly sorted.
	18	20	1.6	5-6-	Same as above; wet at 19 ft, oil.
_ ^				6-11	
			T		Abandoned hole because of oil.
					Hole is 100 ft west of Well 61.
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BORING: 61B	PROJECT NO: NY360PS01	PAGE: 1 of 1
SITE General Electr LOCATION: Pittsfield, MA	ic Co. DRILLING (Area 2) STARTED: 5/13/8	DRILLING COMPLETED: 5/13/88
TOTAL DEPTH HOLE DRILLED: 22 ft DIAM	ETER: 8 in. TYPE CORIN	OF SAMPLE/ NG DEVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x	SAMPLING 2 in. INTERVAL: 2 ft	:
LAND-SURFACE ELEVATION:	{ ) SURVEYED ( ) ESTIMATED DATU	ли:
DRILLING FLUID USED: No	ne DRILLING ME	THOD: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'1	. Testing DRILLER: Tom	HELPER: Bob
PREPARED BY: N. Childs	HAMMER WEIGHT: 140 1b	HAMMER DROP: 30 in.

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SAMPLE NO	SAMPLE DEPTH		AMPLE CORE BLOW RECVRY COUNTS		SAMPLE/CORE DESCRIPTION	
	FROM	то				
	16	18	1.2	7-6-	16 to 17 ft: Sand, fine to medium (60%); gravel	
			1	5-7	(25%); silt (15%); tan-brown, poorly sorted.	
	18	20	2	4-5-	Silt (60%); clay (40%); brown, moist, well sorted.	
				7-7		
	20	22		6-8-	20 to 21 ft: Sand, medium to coarse (60%); gravel	
				8-8	(30%); silt (10%); salt and pepper, poorly sorted.	
					21 to 21.5 ft: Silt (50%); sand, fine (50%); brown,	
					moderately sorted, moist.	
					21.5 to 22 ft: Sand, coarse (60%); gravel, fine	
					(35%), silt (5%); salt and pepper, poorly sorted,	
					oily.	
					Fluid at 21.5 ft.	
					Abandoned hole because of oil.	
					Hole is 50 ft west of Well 61.	
			T			
	-					

WELL: 62	P1	ROJECT NO: NY360	PSO1	PAGE: 1 of 1
SITE Gen LOCATION: Pit	eral Electric ( tsfield, MA (A	DRILLING STARTED:		DRILLING COMPLETED: 5/16/88
TOTAL DEPTH DRILLED: 14 f	t HOLE	R: 8 in.	TYPE OF S CORING DE	AMPLE/ VICE: Split Spoon
LENGTH & DIAM OF CORING DEV	ETER ICE: 2 ft x 2 :	SAMPLING INTERVAL:	2 ft	
LAND-SURFACE ELEVATION:		( ) SURVEYED ( ) ESTIMATE		
DRILLING FLUI	D USED: None	DRIL	LING HETHOD	: Hollow Stem Auger
DRILLING CONTRACTOR: S	oil & Mat'l. Te	esting DRILLER:	Tom	HELPER: Bob
PREPARED BY:	W. Gray	HAMMER WEIGHT:	140 1ь н	AMMER DROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION	
	FROM	TO	]			
	0	6			Fill material (augered to 6 ft).	
	6	8	1.6	1-1-	Sand, coarse to medium, gravel, small, trace silt,	
	. <u>-</u>			1-1	pieces of wood and thin copper wire, black, oil	
					sheen, strong odor, wet.	
	8	10	1.3	1-2	Same as above.	
				1-1		
	10	12	1.4	1-1-	Same, with larger gravel.	
-				2-2		
	12	14	1.6	2-3-	12 in. as above, sand, medium to fine, trace silt,	
	-			3-3	some gravel, medium, light brown (7 in.).	
		}				
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WELL: 63	PROJECT NO: NY360PS01	PAGE: 1 of 1
SITE General Electri LOCATION: Pittsfield, MA	c Co. DRILLING (Area 2) STARTED: 5/19/88	DRILLING COMPLETED: 5/19/88
TOTAL DEPTH HOLE DRILLED: 18 ft DIAME	TYPE O CORING	F SAMPLE/ DEVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x	2 in. SAMPLING INTERVAL: contin	uous - 2 ft
LAND-SURFACE ELEVATION:	{ } SURVEYED { ) ESTIMATED DATUM	:
DRILLING FLUID USED: Non	e DRILLING MET	HOD: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l.	Testing DRILLER: Tom	HELPER: Bob
PREPARED BY: J. Duminuco	HAMMER WEIGHT: 140 1b	HAMMER DROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW			
NO			RECVRY	COUNTS	SAMPLE/CORE DESCRIPTION		
	FROM	TO	ļ				
	0	14	-	-	Augered		
	14	16	1.4	5-9-	Sand, fine to medium, trace silt, gravel, gray; oil		
				7 - 5	sheen (wet).		
	16	18	2.0	5-5-	Do		
				4-5			
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WELL: 64	PROJECT NO: NY3601	SO1 PAG	E: 1 of 1
SITE General El LOCATION: Pittsfield	lectric Co. DRILLING i, MA (Area 2) STARTED:		ILLING MPLETED: 5/16/88
	HOLE DIAMETER: 8 in.	TYPE OF SAMPI CORING DEVICE	E/ L: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2	ft x 2 in. SAMPLING INTERVAL:	2 ft	
LAND-SURFACE ELEVATION:	( ) SURVEYED { ) ESTIMATEI	DATUM:	
DRILLING FLUID USED:	None DRILL	ING METHOD: He	Ollow Stem Auger
DRILLING CONTRACTOR: Soil & M	fat'l. Testing DRILLER:	Tom F	ELPER: Bob
PREPARED BY: W. Gray	HAMMER WEIGHT:	140 1b HAMM	R DROP: 30 in.

SAMPLE NO	MPLE SAMPLE NO DEPTH		E CORE RECVRY		SAMPLE/CORE DESCRIPTION
	FROM	TO	1		
	0	2		Auger	Sand with large cobbles.
	2	8		Auger	Sand, fine to medium, with silt, brown.
	8	10	1.7	2-2-	Sand, fine to medium, with silt, light brown.
				2-2	
	10	12	1.5	2-1-	Sand, medium to fine, some silt, brown-gray, moist.
				2-2	
	12	14	1.4	3-2-	Same as above, wet.
				3-2	
	1				
					,

WELL:	65	PROJECT NO: NY360	PS01	PAGE: 1 of 1
SITE LOCATION:	General Electri Pittsfield, MA	c Co. DRILLING STARTED:	5/26/88	DRILLING COMPLETED: 5/26/88
TOTAL DEPT DRILLED: 2	H HOLE 7 ft DIAME	TER: 8 in.	TYPE OF SA	AMPLE/ VICE: Split Spoon
LENGTH & D OF CORING	IAMETER DEVICE: 2 ft x	2 in. SAMPLING INTERVAL:	continuous	s - 2 ft
LAND-SURFA ELEVATION:		( ) SURVEYED ( ) ESTIMATE		
DRILLING F	LUID USED: Non	DRIL	LING METHOD	: Hollow Stem Auger
DRILLING CONTRACTOR	.: Soil & Mat'l.	Testing DRILLER:	Tom	HELPER: Bob
PREPARED B	Y: J. Duminuco	HAMMER WEIGHT:	140 lb H	AMMER DROP: 30 in.

SAMPLE SAMPLE DEPTH		AMPLE CORE		BLOW	SAMPLE/CORE DESCRIPTION
	FROM	TO	1	ļ	
	0	10	-	-	Augered - sand, fine to medium, some gravel, trace
					silt, gray.
	10	12	0.8	6-7-	Sand, fine to medium, some gravel, trace silt, brown
				5-7	
	12	14	1.3	3-3-	Do
				8-11	
ı	14	16	1.3	14-15-	Sand, fine to coarse, some gravel, trace silt,
				19-11	brown.
	16	18	2.0	8-28-	Interlayered silt and sand, fine, silty, some gravel
				27-27	brown; (wet).
	18	20	0.5	17-30-	Sand, fine, some silt, trace gravel, brown; (wet).
				37-55	
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WELL:	66	(XB-2)	PROJECT	NO:	NY0360	PS04	PAGE:	1	of	1
SITE LOCATION:	Œ -	Area 2			CILLING ARTED:	2/6/89	DRILL		2/6/8	39
TOTAL DEPTH DRILLED:	30	HOLE DIAME	TER:	- 8 ir	nches	TYPE OF CORING DE	SAMPLE/	Split	. spoc	on.
LENGIH & DIA OF CORING DE	WEIE	2	ft. x 2	in.			PLING ERVAL:	5 fe	æt	
LAND-SURFACE ELEVATION:	2		{		IRVEYED	DATUM:	•			
DRILLING FLUID USED:	nc	ne				DRILLING MEIHOD:	Auger			<del></del>
DRILLING CONTRACTOR:	Lay	ne-North	em	DRI	ILLER:	Norm	HEI	PER:	John.	<u> </u>
PREPARED BY:	W.	Gray	HAM	MER V	क्राव्यः	140	HAMMER	DROP:	30	inches
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SAMPLE DEPTH (FT BELOW LAND SURFACE)	CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES	SAMPLE/CORE DESCRIPTION
FROM TO	7	11/12/125	
19 21	1.2	9-8-9-9	Sand, little gravel (medium to large), trace silt,
			brown, wet.
25 27	1.4	10-7-7-8	Sand, medium to fine, some silt, trace gravel, trace
			clay, brown, wet.
		<u> </u>	

BORING:	XB-1	PROJECT NO:	NY0360PS04	PAGE:	1 of 1
SITE LOCATION:	GE - Area 2		ILING RIED: 2/6/89	DRILLING	D: 2/6/89
TOTAL DEPIH DRILLED:	HOLE 21 DIAM	ETER: 8 inc	TYPE OF CORING		Split spoon
LENGTH & DIA OF CORING DE	METER EVICE: 2	ft. x 2 in.		AMPLING VIERVAL: 2:	feet
LAND-SURFACT			VEYED IMATED DATUM	:	
DRILLING FLUID USED:	none		DRILLIN METHOD:	3 Auger	
DRILLING CONTRACTOR:	Layne-Nor	thern DRII	LER: Norm	HELPER	: John
PREPARED BY	W. Gray	HAMMER WE	IGHT: 140	HAMMER DRO	P: 30 inches

SAMPLE (FT B LAND S	DEPIH ELOW URFACE)	CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES	SAMPLE/CORE DESCRIPTION		
FROM	TO					
15	17	1.4	7-8-8-8	Sand, little gravel (medium to large), trace silt,		
				brown, moist.		
17	19	1.6	6-7-8-8	Sand, little gravel (medium to large), trace silt,		
			<del></del>	brown, moist.		
<del></del>	<del></del>					
19	21	1.3	8-9-7-8	Sand, little gravel (medium to large), trace silt,		
<del></del>				brown, moist.		
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				SAMPLE/C	ORE III	j				
BOR	ING:	хв-	3 P	ROJECT NO:	NY0360	PS04	PAGE:	1	of	1
STI	E ATION:	Œ - ;	Area 2	DRI STA	LLING RIED:	2/6/89	DRILL COMPL	ING ETED:	2/6/89	9
	AL DEPTH	21	HOLE DIAMETE	R: 8 inc	hes	TYPE OF CORING	SAMPLE/ DEVICE:	Spl	it sp	pon .
LEN OF	CORING D	AMETER EVICE:	2 ft	. x 2 in.			PLING PERVAL:	2 fee	t	
	D-SURFAC VATION:	E		{ } SUR EST	VEYED IMATED	DATUM:	•			
DRI FIL	ILING ID USED:	non	e	_		RILLING ETHOD:	Auger			
DRI CON	LLING TRACTOR:	Lay	ne-Northe	m DRIL	LER:	Norm	HEI	PER:	John .	
PRE	PARED BY	: W	. Gray	HAMMER WE	ICHT:	140	HAMMER	DROP:	30	inches
SAMPLE (FT E LAND S	DEPTH ELOW URFACE)	CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES			SAMPIL	e/core d	ESCRIP	TION	
FROM	TO									
19	21	1.4	7-6-7-8	Sand, lit	tle gra	rvel (me	lium to	large)	, tra	ce silt,
_				brown, we	t.					
				Free prod	luct at	-19'.				
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GERACHIY & MILLER, INC.

BORING:	UU-R P	ROJECT NO: NY03	60PS04	PAGE:	l of 1	
SITE LOCATION: GE	- Area 2	DRILLING STARTED:	2/7/89	DRILLIN COMPLET		
TOTAL DEPIH DRILLED: 2	HOLE 5 DIAMETE	R: 8 inches	TYPE OF CORING	SAMPLE/ DEVICE:	Split spoon	
LENGTH & DIAM OF CORING DEV		. x 2 in.		MPLING TERVAL: 5	feet	
LAND-SURFACE ELEVATION:		{ } SURVEYED { } ESTIMATE				
DRILLING FLUID USED:	none	<del></del>	DRILLING METHOD:	Auger		
DRILLING CONTRACTOR:	Layne-Northe	m DRILLER:	Norm	HELPE	R: John	
PREPARED BY:	W. Gray	HAMMER WEIGHT:	140	HAMMER DR	OP: 30 inche	S

		·	•	
SAMPLE (FT B LAND S	SAMPLE DEPTH CORE (FT BELOW RECVE LAND SURFACE) (FT)		ELOW COUNTS PER 6 INCHES	SAMPLE/CORE DESCRIPTION
FROM	TO	]	11,0112	·
0	2	-	-	1' concrete.
				sand and gravel, construction debris, red brick.
5	7	-	~	Same as above.
10	12	1.5	15-13-	Sand, medium to fine; trace gravel, medium; trace
			14-14	silt, brown.
15	17	1.2	12-13-	Sand, medium to fine; trace gravel, medium; trace
			14-15	silt, brown.
20	22	1.2	13-13-	Sand, fine to medium, trace silt, trace gravel, trace
			15-20	clay.
25	27	1.0	15-20-	Sand, fine to medium, trace silt, trace gravel, trace
			20-20	clay.
28	30	1.1	15-13-	Sand, fine, trace silt, trace clay.
			17-19	

BORING:	VV-R	PROJECT	NO: NY03	60PS04	PAGE:	1	of	1
SITE LOCATION:	GE - Area 2		DRILLING STARTED:	2/7/89	DRILLI		2/7/8	9
TOTAL DEPTH DRILLED:	HOLE 25 DIAME	ETER:	8 inches	TYPE OF CORUNG	SAMPLE/ DEVICE:	Spl	lit sp	oon .
LENGIH & DIZ OF CORING DE	METER EVICE: 2	ft. x 2	in.		MPLING TERVAL:	5 fee	≥t	
LAND-SURFACT	<u> </u>	{	SURVEYED STIMATE					
DRILLING FILLID USED:	none	•		DRILLING METHOD:	Auger			
DRILLING CONTRACTOR:	Layne-Nort	thern	DRILLER:	Norm	HELL	ÆR:	John	
PREPARED BY	W. Gray	HAMM	ER WEIGHT	140	HAMMER I	FOP:	30	inches

PRE	PARED BY		. Gray	HAMMER WEIGHT: 140 HAMMER DROP: 30 Inches
SAMPLE (FT B LAND S	DEPIH ELOW URFACE)	PTH CORE BLOW RECVRY COUNTS PER 6 INCHES		SAMPLE/CORE DESCRIPTION
FROM	TO			
0	2	-	-	Concrete.
5	7	-	-	Gravel, medium to large, some sand.
10	12	1.2	13-14-	Sand and gravel, small. Change at 11.5' to sand, fine,
			14-15	trace silt, moist.
15	17	0.5	20-27-	Sand, medium to fine and gravel, medium, brown.
			35-50/1"	
20	22	0.9	20-15-	Sand, fine, trace silt, trace clay, trace gravel,
			15-16	moist, brown.
25				Auger refusal at 25'.
		-		
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WELL: P	-1 I	PROJECT NO: NY360	PS01	PAGE: 1 of	1
SITE GEL LOCATION: Pi	meral Electric Etsfield, MA	Co. DRILLING STARTED:		DRILLING COMPLETED:	4/8/88
TOTAL DEPTH DRILLED: 14:	HOLE DIAMETE	ER: 5.5 in.	TYPE OF S CORING DE	AMPLE/ VICE: Split	Spoon
LENGTH & DIAM OF CORING DE	METER VICE: 2 ft x 2	in. SAMPLING INTERVAL	continuous		
LAND-SURFACE ELEVATION:	988.9 ft	(X) SURVEYEL ( ) ESTIMATE	D DATUM:	National Geo Vertical Dat	xdetic cum (NGVD)
DRILLING FIU	ID USED: None	DRII	LING METHOD	: Hollow Sta	em Auger
DRILLING CONTRACTOR:	Soil & Mat'l Te	esting DRILLER:	Tom	HELPER: E	30ab
PREPARED BY:	J. Duminuco	HAMMER WEIGHT:	140 lb H	AMMER DROP:	30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION		
	FROM	OT					
	0	8	-	Au-			
				gered			
	8	10	0.2	6-1-	Sand, fine to coarse, some gravel, silt, brown (fill		
				1-1	(wet).		
	10	12	0.5	1/12"-	Gravel, cinders, brick, brown; sand, fine to medium,		
				1/12"	trace silt, brown; trace oil sheen (fill) (wet).		
	12	14	1.1	1-2-	Sand, fine, silty, gray; some black stained		
				2-5	intervals, oily odor (fill) (wet).		
					Water level 5.1 ft		
			1				
				-			

WELL: P-2 PROJ	ECT NO: NY360PS01 PAGE: 1 of 1
SITE General Electric Co. LOCATION: Pittsfield, MA	DRILLING STARTED: 4/8/88 DRILLING COMPLETED: 4/8/88
TOTAL DEPTH HOLE DIAMETER:	TYPE OF SAMPLE/ 8 in. CORING DEVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x 2 in.	SAMPLING INTERVAL: continuous
IAND-SURFACE ELEVATION: 988.5 ft	(X) SURVEYED (Y) ESTIMATED DATUM: NGVD
DRILLING FLUID USED: None	DRILLING METHOD: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l Testi	ng DRILLER: Tom HELPER: Bob
PREPARED BY: J. Duminuco H	AMMER WEIGHT: 140 lb HAMMER DROP: 30 in.

SAMPLE NO	SAM DEP	PLE IH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION	
	FROM	TO				
	0	5	-	Au-		
	·····			gered		
	5	7	0.4	2-1-	Sand, fine to coarse, and gravel, brown-red brown	
				1-1	(fill).	
	7	9	1.0	1-1-	Sand, fine to coarse, some gravel, cinders, trace	
				2-8	silt, brown-red brown; black stained sand, oily	
					odor, oil sheen (fill).	
	9	11	1.1	9-13-	Sand, fine, silty (wet).	
				6-3		
	11	13	1.5	2-2-	Do (wet).	
				3-3		
	-				Water level 9.1 ft	

WELL: P-3	PROJECT NO: NY360PS01	PAGE: 1 of 1						
SITE General Ele LOCATION: Pittsfield,	ctric Co. DRILLING MA STARTED: 4/8/	BRILLING COMPLETED: 4/8/88						
TOTAL DEPTH H DRILLED: 14 ft D	OLE TYP IAMETER: 8 in. COR	E OF SAMPLE/ ING DEVICE: Split Spoon						
LENGIH & DIAMETER OF CORING DEVICE: 2 f	t x 2 in. SAMPLING INTERVAL: cont	inuous						
LAND-SURFACE (X) SURVEYED ELEVATION: 987.9 ft ( ) ESTIMATED DATUM: NGVD								
DRILLING FLUID USED:	None DRILLING	METHOD: Hollow Stem Auger						
DRILLING CONTRACTOR: Soil & Ma	t'l Testing DRILLER: Tom	HELPER: Bob						
PREPARED BY: J. Dumin	uco HAMMER WEIGHT: 140	lb HAMMER DROP: 30 in.						

					<del></del>
SAMPLE NO	SAMPLE DEPTH TO		CORE B RECVRY CO		SAMPLE/CORE DESCRIPTION
	0	5	_	Au-	
				gered	
	5	7	0	2/12"-	No recovery, oil coated spoon.
				1/12"	
	7	9	0.3	7-9-	Sand, fine, silty; brown; free oil (wet).
				6-7	
	9	11	0.7	9-12-	Gravel, trace sand, brown; free oil (wet).
			}	7-8	
	11	13	0.5	3-2-	Sand, fine to medium, trace silt, brown; free oil
				7-11	(wet).
					Water level 5.2 ft

WELL:	P-3D	PROJECT NO	NYO36	OPS1	PAGE:	1 of 1
SITE LOCATION:	General Electr Pittsfield, MA	ic Co. D	RILLING PARTED:	4/13/88	DRILLI COMPLE	NG TED: 4/13/88
TOTAL DEP DRILLED:		ETER: 5.5 in	•	TYPE OF S CORING DE		Split Spoon
LENGIH & OF CORING	DIAMETER DEVICE: 2 ft x		MPLING I'ERVAL:	∞ntinuo	rus .	
LAND-SURF	ACE 1: 988.6 ft		JRVEYET STIMATE		igvd	
DRILLING	FILID USED: N	one	DRIL	LING METHOD	: Hollo	w Stem Auger
DRILLING CONTRACTO	R: Soil & Mat'l	. Testing DR	ILLER:	Tom	HELP	ER: Bob
PREPARED	BY: J. Duminuco	HAMMER	WEIGHT:	140 lb F	IAMMER D	ROP: 30 in.

SAMPLE NO	IPLE SAMPLE NO DEPIH		PLE CORE RECVRY		SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	4	-	Au-	Begin sampling at water table.
				gered	
	4	6	0.3	14-7-	Gravel and sand, fine, some silt, cinders, brown;
				3-8	free oil.
	6	8	0.2	15-2-	Do; free oil.
				4-6	
	8	10	0.4	3-3-	Sand, fine to medium, some silt, gravel, brown; free
				30-13	oil.
	11	13	0.7	9-7-	Sand, fine, silty, gray; black stained, oily.
				6-5	
	13	15	1.2	6-4-	Do; black stained, oily.
				6-6	
	15.5	17.5	0.4	4-4-	Sand, fine, silty, gray; black stained.
				5-6	
	17.5	19.5	1.0	6-7-	Sand, fine, silty, black stained, oily
				10-11	(17.5 to 19.0 ft). Sand, fine, silty, gray,
					(19.0 to 19.5 ft).

WELL:	P-4	PROJECT	" NO: NY360	PS01	PAGE: 1 of	1
SITE LOCATION:	General E Pittsfiel	lectric ∞. d, MA	DRILLING STARTED:	4/11/88	DRILLING COMPLETED:	4/11/88
TOTAL DEP DRILLED:		HOLE DIAMETER: 8 i	in.	TYPE OF S CORING DE	AMPLE/ VICE: Split	Spoon
LENGIH & OF CORING	DIAMETER DEVICE: 2	ft x 2 in.	SAMPLING INTERVAL:	continuous		
LAND-SURF			SURVEYED ESTIMATE		NGVD	
DRILLING	FIUID USED	): None	DRIL	LING METHOD	: Hollow Ste	am Auger
DRILLING CONTRACTO	R: Soil &	Mat'l Testing	DRILLER:	Tom .	HELPER: I	Bab
PREPARED	BY: J. Dum	unuco HAMM	ER WEIGHT:	140 lb H	AMMER DROP:	30 in.

SAMPLE NO	SAM DEP	PLE IH	PLE CORE RECVRY		SAMPLE/CORE DESCRIPTION		
ļ	FROM	TO	1				
	0	5	_	Au-			
				gered			
	5	7	0	50-2-	No recovery; spoon is oil coated.		
				2-10			
	7	7.8	0.1	55-	Gravel and sand, fine, gray; trace of free oil		
				100/.3	(wet).		
	8	9.5	0.9	8-105-	Sand, fine to medium, some gravel, trace silt, gray;		
				100	free oil.		
_	10	11	0.7	13-100	Sand, fine to coarse, some gravel, gray-brown; free		
					oil.		
•					Water level 4.8 ft		
	. "						
		·-					

WELL:	P-5	PROJECT	NO: NY360	PS01	PAGE: 1 of 1	
SITE LOCATION:	General E Pittsfiel	lectric Co. d, MA	DRILLING STARTED:		DRILLING COMPLETED: 4/11/88	
TOTAL DEP DRILLED:		HOLE DIAMETER: 8 in	າ	TYPE OF S CORING DE	SAMPLE/ VICE: Split Spoon	
LENGIH & OF CORING	DIAMETER DEVICE: 2	ft x 2 in.	SAMPLING INTERVAL:	continuous	<b>.</b>	
LAND-SURF		ft {X	SURVEYED ESTIMATE		NGVD	
DRILLING	FLUID USED	: None	DRIL	LING METHOL	): Hollow Stem Auger	
DRILLING CONTRACTO	R: Soil &	Mat'l Testing	DRILLER:	rom	HELPER: Bob	
PREPARED	BY: J. Dum	inuco HAMMI	R WEIGHT:	140 lb F	TAMMER DROP: 30 in.	

					,
SAMPLE NO	E SAMPLE DEPIH		CORE BLO RECVRY COUN		SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	5	_	Au-	
				gered	
	5	7	0.5	25-12-	Gravel, some sand, fine to medium, trace silt, gray;
				3-2	trace oil sheen; (wet).
	7	9	0.4	2-2-	Sand, fine to medium, some gravel, trace silt, brown;
				2-2	(wet).
	9	11	0.8	3-2-	Sand, fine to medium, trace silt, gray; trace oil
				2-3	sheen.
	11	13	1.0	4-2-	Do
				2-2	
				,	Water level 3.3 ft
			<u> </u>		
	<u></u>				

WELL:	P-6	PROJECT	NO: NY3601	PS01	PAGE: 1 of	1		
SITE LOCATION:	General E Pittsfiel	lectric Co. d, MA	DRILLING STARTED:	4/11/88	DRILLING COMPLETED:	4/11/88		
TOTAL DEP DRILLED:		HOLE DIAMETER: 8 in	l.	TYPE OF S. CORING DE	AMPLE/ VICE: Split	Spoon		
LENGTH & DIAMETER SAMPLING OF CORING DEVICE: 2 ft x 2 in. INTERVAL: continuous								
LAND-SURFACE (X) SURVEYED ELEVATION: 985.7 ft ( ) ESTIMATED DATUM: NGVD								
DRILLING	FIUID USED	: None		LING METHOD	: Hollow Sta	em Auger		
DRILLING CONTRACTOR: Soil & Mat'l Testing DRILLER: Tom HELPER: Bob								
PREPARED	BY: J. Dum	inuco HAMME	R WEIGHT:	140 lb H	AMMER DROP:	30 in.		

SAMPLE NO	SAM DEP	PLE IH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	Œ			
	0	2	0.8	3-4-	Sand, fine to medium, trace silt, gravel, gray; trace
				6-15	oil sheen.
	2	4	0.5	14-4-	Sand, fine, some silt, trace gravel, gray; trace oil
				3-5	sheen; (damp).
	4	6	0.4	4-16-	Do; (wet).
				13-12	
	6	8	1.0	1-1-	Do
				1-1	
	8	10	0.8	1-1-	Do, trace cinders.
				2-2	
					Water level 5.0 ft

WELL:	P-7	PROJECT	NO: NX360	PS01	PAGE: 1 of	1
SITE LOCATION:	General F Pittsfiel	lectric Co. d, MA	DRILLING STARTED:	4/11/88	DRILLING COMPLETED:	4/11/88
TOTAL DEP		HOLE DIAMETER: 8 i	n.	TYPE OF S CORING DE	AMPLE/ VICE: Split	Spoon
LENGIH & OF CORING	DIAMETER DEVICE: 2	ft x 2 in.	SAMPLING INTERVAL:	continuous	<b>.</b>	
LAND-SURF		ft {X			NGVD	
DRILLING	FLUID USEI	): None	DRII	LING METHOL	: Hollow St	em Auger
DRILLING CONTRACTO	R: Soil &	Mat'l Testing	DRILLER:	Tom	HELPER:	Bab
PREPARED	BY: J. Dum	inuco HAMM	ER WEIGHT:	140 lb F	IAMMER DROP:	30 in.

SAMPLE NO	SAMPLE DEPIH		CORE RECVRY	BLOW	SAMPLE/CORE DESCRIPTION				
	FROM	TO	] !						
	0	2	0.2	4-6-	Sand, fine, some silt, wood, brown; trace oil sheen.				
				8-10					
	2	4	0.8	9-7-	Sand, fine, some silt, trace gravel, gray; trace oil				
1				9-9	sheen, oily odor (wet).				
	4	6	0	5-4-	No recovery.				
				4-5					
	6	8	0.9	3-2-	Sand, fine to medium, trace silt, brown (wet).				
				2-2	·				
				·	Water level 5.7 ft				
•									
i									
				<del></del>					
			1						

WELL:	P-7	PROJECT	NO: NY360	PS01	PAGE: 1 of	1
SITE LOCATION:	General E Pittsfiel	lectric Co. d, MA	DRILLING STARTED:		DRILLING COMPLETED:	4/11/88
TOTAL DEP	H 11 ft	HOLE DIAMETER: 8 i	n.	TYPE OF S CORING DE	AMPLE/ VICE: Split	Spoon
LENGIH & OF CORING	DIAMETER DEVICE: 2	ft x 2 in.	SAMPLING INTERVAL:	continuous		
LAND-SURF		ft {X	SURVEYED ESTIMATE	D DATUM:	NGVD	
DRILLING	FLUID USED	): Nane	DRIL	LING METHOL	: Hollow Ste	m Auger
DRILLING CONTRACTO	R: Soil &	Mat'l Testing	DRILLER:	rom .	HELPER: E	dab
PREPARED :	BY: J. Dum	iinuco HAMM	ER WEIGHT:	140 lb H	AMMER DROP:	30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	RY COUNTS	SAMPLE/CORE DESCRIPTION			
Ī	FROM	TO	]					
	0	2	0.2	4-6-	Sand, fine, some silt, wood, brown; trace oil sheen.			
				8-10				
	2	4	0.8	9-7-	Sand, fine, some silt, trace gravel, gray; trace oil			
				9-9	sheen, oily odor (wet).			
	4	6	0	5-4-	No recovery.			
	_			4-5				
	6	8	0.9	3-2-	Sand, fine to medium, trace silt, brown (wet).			
				2-2	·			
					Water level 5.7 ft			
				-				
		,						

BORING:	EC-1	PROJECT I	NO: NY360	PS01	PAGE: 1	of 1
SITE LOCATION:	General Elec Pittsfield,	etric Co. MA	DRILLING STARTED:		DRILLING COMPLETED:	5/26/88
TOTAL DEF		OLE LAMETER: 6 in	•	TYPE OF S CORING DE		t Spoon
LENGIH & OF CORING	DIAMETER DEVICE: 2 f		SAMPLING INTERVAL:	continuo	us - 2 ft	
LAND-SURF		{}	SURVEYED ESTIMATE			
DRILLING	FIUID USED:	none	DRIL	LING METHOD	: Hollow St	em Auger
DRILLING CONTRACTO	R: Soil & Mar	t'l. Testing	DRILLER:	Tom	HELPER:	Bob
PREPARED	BY: J. Dumin	100 HAMME	R WEIGHT:	140 lb H	AMMER DROP:	30 in.

SAMPLE NO	SAM DEP	SAMPLE DEPIH		BLOW COUNTS	SAMPLE/CORE DESCRIPTION			
	FROM	FROM TO						
	0	5	-	-	Augered			
	5	7	0.4	2-2-	Sand, fine, silty, brown.			
				2-2				
	7	9	1.3	2-2-	Sand, fine, some silt, trace gravel, brown.			
				2-1				
	9	11	1.4	2-1-	Do			
				2-3				
	11	13	0.4	2-4-	Do			
				2-3				
	13	15	0.8	3-2-	Do			
_				3-3				
	15	17	1.8	4-4-	Sand, fine to coarse, trace gravel, silt, brown;			
				3-3	wet 0 16 ft $\pm$ .			

BORING: EC-2	PROJECT NO: NY360PS01	PAGE: 1 of 1
SITE General Electric LOCATION: Pittsfield, MA	DRILLING STARTED: 5/26/88	DRILLING COMPLETED: 5/26/88
TOTAL DEPTH HOLE DRILLED: 15 ft DIAME	TYPE OF CORING	SAMPLE/ DEVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x	SAMPLING 2 in. INTERVAL: continu	ious - 2 ft
LAND-SURFACE ELEVATION:	SURVEYED CATUM:	
	( ,	
DRILLING FLUID USED: non	<del></del>	DD: Hollow Stem Auger
DRILLING FIUID USED: non DRILLING CONTRACTOR: Soil & Mat'l.	e DRILLING METH	DD: Hollow Stem Auger  HELPER: Bob

SAMPLE NO	SAM DEP	SAMPLE DEPIH		BLOW COUNTS	SAMPLE/CORE DESCRIPTION			
	FROM	OT	7					
	0	5	-	-	Augered			
	5	7	0.7	3-5-	Sand, fine to medium, trace gravel, silt, brown.			
				4-4				
	7	9	2.0	2-3-	Sand, fine, trace silt, gravel, brown.			
				3-2				
	9	11	1.4	3-2-	Sand, fine, silty, trace gravel, brown.			
				2-1				
	11	13	2.0	2-5-	Do (wet)			
				8-6				
	13	15	0	7-6-	No recovery, spoon wet,			
				5-7				
`								
					·			
	, <u></u>							

BORING: EC-3	PROJECT NO: NY360PS01	PAGE: 1 of 1
SITE General Electr LOCATION: Pittsfield, MA	ric Co. DRILLING STARTED: 5/26/88	DRILLING COMPLETED: 5/26/88
TOTAL DEPIH HOLE DRILLED: 19 ft DIAM	TYPE OF CORING	F SAMPLE/ DEVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x	SAMPLING 2 in. INTERVAL: contin	nuous - 2 ft
LAND-SURFACE ELEVATION:	SURVEYED DATUM	
DRILLING FLUID USED: no	ne DRILLING MET	HOD: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l	. Testing DRILLER: Tom	HELPER: Bob
PREPARED BY: J. Duminuco	HAMMER WEIGHT: 140 lb	HAMMER DROP: 30 in.

SAMPLE NO	SAMPLE DEPIH		CORE BLOW COUNTS		SAMPLE/CORE DESCRIPTION				
	FROM	TO							
	0	5	-	-	Augered				
	5	7	2.0	2-2-	Sand, fine, silty, trace gravel, brown.				
				3-3					
	7	9	0.6	2-13-	Do				
				9-5					
	9	11	0	6~5~	No recovery				
				4-5					
	11	13	0	8-8-	No recovery				
				5~8					
	13	15	1.0	20-20	Sand, fine, silty, brown & gray (top 6 in.) sand,				
				15-17	fine to coarse, some gravel, trace silt, brown				
				_	(bottom 6 in.) - damp.				
	15	17	0.4	7-10-	Sand, fine, silty, trace gravel, brown; (damp).				
				7-5					
	17	19	0.3	9-7-	Sand, fine to coarse, some gravel, trace silt, brown;				
				5~3	(wet).				
	-								
			<del></del>		<del></del>				

BORING:	EC-4	PROJECT	. NO: NA360	PS01	PAGE: 1	of 1
SITE LOCATION:	General El Pittsfield	ectric Co. , MA	DRILLING STARTED:	5/27/88	DRILLING COMPLETED:	5/27/88
TOTAL DEPI DRILLED: 2		HOLE DIAMETER: 6 i	n.	TYPE OF S CORING DE		t Spoon
LENGIH & DOF CORING	DEVICE: 2	ft x 2 in.	SAMPLING INTERVAL:	continuo	us - 2 ft	
LAND-SURFA		{	SURVEYED ESTIMATE			
DRILLING F	TUID USED:	none	DRII	LING METHOD	: Hollow St	em Auger
DRILLING CONTRACTOR	R: Soil & M	lat'l. Testing	DRILLER:	Tom	HELPER:	Bolo
			_			

<del></del>					
SAMPLE NO	SAM DEP	PLE IH	CORE RECVRY	BLOW	SAMPLE/CORE DESCRIPTION
	FROM	70			
	0	5	-	-	Augered
	5	7	0.9	5-4-	Sand, fine to medium, some gravel, trace silt, brown.
				8-4	
	7	9	2.0	4-3-	Sand, fine to medium, trace silt, brown.
				3-4	
	9	11	1.4	4-5-	Sand, fine to medium, trace gravel, silt, brown.
				6-9	
	11	13	2.0	8-9-	Sand, fine to coarse, some gravel, gray.
				9-10	
	13	15	1.2	8-5-	Do (wet @ 14 ±).
				5-5	
	15	17	0.9	4-3-	Sand, fine to medium, some silt, trace gravel, gray;
				4-4	(wet).
		<u></u>		L	<u></u>

BORING:	OX-1	PROJECT NO	: NY360	PS01	PAGE: 1	of 2
SITE COLORENTE PRODUCTION: P	eneral Electr Pittsfield, MA	ic co. [	RILLING TARTED:	5/24/88	DRILLING COMPLETED:	5/24/88
TOTAL DEPTH DRILLED: 21	ft DIAM	ETER: 6 in.		TYPE OF S CORING DE	AMPLE/ VICE: Spli	t Spoon
LENGIH & DI OF CORING D	AMETER EVICE: 2 ft x	2 in. SA	MPLING TERVAL:	continuo	us - 2 ft	
LAND-SURFACELEVATION:	<b>E</b>		URVEYED STIMATE			
DRILLING FI	UID USED: no	ne	DRII	LING METHOD	: Hollow St	em Auger
DRILLING CONTRACTOR:	Soil & Mat'l	. Testing DF	 ILLER:_	Tom	HELPER:	Bob
PREPARED BY	: J. Duminuco	HAMMER	WEIGHT:	140 lb H	AMMER DROP:	30 in.

SAMPLE NO	SAM DEP	PLE IH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	OT			·
	0	2	1.0	14-14-	l in. asphalt; sand, fine to medium, trace gravel,
				13-12	brick, cinders, conc. fragments, silt, brown-gray;
					fill.
	2	4	1.8	36-35-	Sand, fine to medium, trace silt, gravel, cinders,
				18-15	brown-gray; fill
	4	6	1.0	14-11-	Sand, fine to medium, some silt, gravel, trace
				9-4	cinders, brick, wood, black-gray; fill.
	6	6	0	30/0"	140 lb hammer bounding - augered through obstruction
					6 to 7 ft.
	7	9	0.8	1-1-	Sand, fine to medium, trace silt, wood, cinders,
				1-1	brown; fill, trace oil sheen, oily odor.
	9	11	0.5	5-3-	Wood; sand, fine to medium, trace silt, brown; fill.
				8-20	
	11	11.5	0.5	160/6"	Do; fill, trace oil sheen, oily odor; augered through
					obstruction 11 to 13 ft.
	13	15	0.2	1-1-	Sand, fine to medium, some silt, trace brick and
				1-1	wood, black; fill, oil sheen, oily odor (wet).
	15	17	1.0	2-2-	Sand, fine to medium, silty, trace brick, cinders,
				2-6	black; oil sheen, oily odor (top 6 in.),
					decomposed wood; fill (bottom 6 in.) (wet).
	17	19	1.4	8-8-	Cinders; brick; wood; sand, fine to medium, silty,
				5-4	black, fill; oil sheen, oily odor.

# SAMPLE/CORE LOG (Cont.d)

BORING:

OX-1

PREPARED BY: J. Duminuco

PAGE: 2 of 2

SAMPLE NO	SAM DEP	PLE IH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	]		
	19	21	0	2-4-	No recovery. Augered to 21 ft, sand and cinders ran
				4-5	in augers to 19 ft, spooned out twice, still
				,	running in. Abandoned boring. Probably still in
					fill material @ 21 ft.
			1		
	·	<u> </u>			
		<u> </u>			
			<u> </u>		
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			<del> </del>		
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BORING: OX-2	PROJECT NO: NY360PS01	PAGE: 1 of 1
SITE General Electri LOCATION: Pittsfield, MA	DRILLING STARTED: 5/24/88	DRILLING COMPLETED: 5/24/88
TOTAL DEPTH HOLE DRILLED: 14 ft DIAME	TYPE OF CORING I	SAMPLE/ DEVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x	2 in. SAMPLING 1NTERVAL: continu	ious - 2 ft
LAND-SURFACE ELEVATION:	SURVEYED DATUM:	
DRILLING FLUID USED: nor	ne DRILLING METH	DD: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l.	Testing DRILLER: Tom	HELPER: Bob
PREPARED BY: J. Duminuco	HAMMER WEIGHT: 140 lb	HAMMER DROP: 30 in.

SAMPLE NO	PLE SAMPLE O DEPIH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION		
	FROM	TO	1				
	0	2	0.6	4-4-	Sand, fine to medium, some silt, gravel, ceramic		
				5 <del>-6</del>	fragments, brown (fill).		
	2	4	0.4	6-6-	Do (fill).		
				4-6			
	4	6	0.6	7-7-	Sand, fine to medium, some silt, gravel, wood, brown		
				6-2	fill (moist).		
	6	8	0.5	6-4-	Sand, fine, silty, gray; oil sheen, oily odor (wet).		
				3-7			
	8	10	0	10-5-	No recovery - spoon coated with oil.		
				5-3			
	10	12	0.2	7-6-	Cinders, wood, gravel, brick; black; oil sheen, oil		
•				2 <del>-6</del>	odor, fill.		
	12	14	0.1	4-2-	Do ·		
-				3-2			
		}					
	!						

BORING:	R-2	PROJECT	NO: NY360	PS01	PAGE: 1	of 1
SITE LOCATION:	General El Pittsfield	lectric Co. i, MA	DRILLING STARTED:	5/19/88	DRILLING COMPLETED:	5/19/88
TOTAL DEPT DRILLED: 2		HOLE DIAMETER: 8 i	n.	TYPE OF S CORING DE	AMPLE/ VICE: Spli	t Spoon
LENGIH & D OF CORING		ft x 2 in.	SAMPLING INTERVAL:	continuo	us - 2 ft	
LAND-SURFA ELEVATION:	Œ	{	SURVEYED ESTIMATE			
DRILLING F	IUID USED:	none	DRIL	LING METHOD	: Hollow St	em Auger
DRILLING CONTRACTOR	: Soil & M	Mat'l. Testing	DRILLER:	Tom	HELPER:	Bob
PREPARED B	Y: J. Dumi	inuco HAMM	ER WEIGHT:	140 lb H	AMMER DROP:	30 in.

				<del></del>			
SAMPLE NO	SAMPLE DEPIH		CORE BLOW RECVRY COUNT		SAMPLE/CORE DESCRIPTION		
	FROM	TO	1 .				
	0	10.5	-	_	Augered		
	10.5	12	1.4	5-6-5	Sand, fine, some silt, brown.		
	12	14	1.8	5-7-	Sand, fine to coarse, trace gravel, silt, gray/brown.		
				10-11			
	14	16	1.3	10-11-	Do		
				11-10			
	16	18	1.1	10-10-	Do (wet @ 17 <u>+</u> ).		
				11-8			
	18	20	1.0	5-6-	Sand, fine to medium, trace gravel, silt, brown.		
				7-10			
			1				

BORING:	R-4	PROJECT	NO: N	Y360P	501	PAGE:	1 of 1
SITE LOCATION:	General E Pittsfield	lectric Co. 1, MA	DRIL STAR		5/23/88	DRILLING COMPLETE	D: 5/23/88
TOTAL DEP		HOLE DIAMETER: 6 ir	1.		TYPE OF SA CORING DEV	MPLE/ /ICE: Sp	lit Spoon
LENGIH & I OF CORING	DEVICE: 2	ft x 2 in.	SAMPL INTER		continuo	ıs - 2 ft	
LAND-SURFA		{ }	SURVI ESTII	EYED MATED	DATUM:		
DRILLING 1	FILID USED	none	1	DRILL	ING METHOD:	Hollow:	Stem Auger
DRILLING CONTRACTOR	R: Soil & 1	Mat'l. Testing	DRILL	ER:	Tom	HELPER	: Bob
PREPARED I	BY: J. Dum	inuco HAMME	R WEI	GHT:	140 lb H7	MMER DRO	P: 30 in.

	,				
SAMPLE NO	SAM DEP	PLE TH	CORE RECVRY	BLOW	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	10	-		Augered
	10	12	2.0	7-9-	Silt, trace fine sand, brown.
				9-12	
	12	14	2.0	8 <del>-6</del> -	Silt, trace gravel, fine to medium sand layers, fine
				8-8	sand, brown (damp).
	14	16	1.8	8-8-	Sand, fine, trace silt, brown; (damp).
				10-10	
	16	18	1.2	7-8-	Sand, fine to medium, trace gravel, silt, brown.
				7-7	
	18	20	1.1	9-9-	Sand, fine to medium, silty, some gravel, brown;
				10-13	(wet 0 19 <u>+</u> ).
	20	22	1.2	11-11-	Do
				10-13	
	22	24	2.0	8-10-	Do (22 to 23.5 ft); silt, some fine sand, brown and
				16-19	gray (23.5 to 24 ft).
					Water level 19.8 ft
		-			
			1		
		1			<u> </u>

BORING: R-5 PROJECT	NO: NY360PS01	PAGE: 1 of 1
SITE General Electric Co. LOCATION: Pittsfield, MA	DRILLING STARTED: 5/23/88	DRILLING COMPLETED: 5/23/88
TOTAL DEPTH HOLE DRILLED: 18 ft DIAMETER: 6 in	TYPE OF S. CORING DE	AMPLE/ VICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x 2 in.	SAMPLING INTERVAL: continuo	us - 2 ft
LAND-SURFACE ELEVATION:	SURVEYED PATUM:	
DRILLING FLUID USED: none	DRILLING METHOD	: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l. Testing	DRILLER: Tom	HELPER: Bob
PREPARED BY: J. Duminuco HAMM	ER WEIGHT: 140 lb H	AMMER DROP: 30 in.

SAMPLE NO	SAM DEP	PLE TH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
j	FROM	TO	]	'	
	0	14	-	-	Augered
	14	16	1.8	9-12-	Sand, fine, some silt, trace gravel, brown; (wet).
				9-70	
	16	18	1.4	20-11-	Do (wet).
				11-14	
	_				
,					
				-	
	,				
		1			

BORING:	645-1	PROJECT	NO: NY3601	2S01	PAGE: 1 of	1
SITE LOCATION:	General El Pittsfield	lectric Co. i, MA (Area 2)	DRILLING STARTED:	5/18/88	DRILLING COMPLETED:	5/18/88
TOTAL DEPT		HOLE DIAMETER: 8 in	i	TYPE OF SACORING DE	AMPLE/ VICE: Split	Spoon
LENGTH & I	DIAMETER DEVICE: 2		SAMPLING INTERVAL:	continuous	s - 2 ft	
LAND-SURFA		. ()	SURVEYED ESTIMATED	DATUM:		
DRILLING I	FLUID USED:	None	DRILI	ING METHOD	: Hollow Ste	m Auger
DRILLING CONTRACTOR	R: Soil & M	Mat'l. Testing	DRILLER:	Tom	HELPER: B	ob
PREPARED I	BY: J. Dumi	Inuco HAMME	R WEIGHT:	140 1ь н	AMMER DROP:	30 in.

SAMPLE NO	SAM DEP	PLE TH	CORE	BLOW	SAMPLE/CORE DESCRIPTION
	FROM	TO	1		
	0	10			Augered. Silty sand on flights, damp @ 9 ft +
	10	12	1.0	7-8-	Top 6 in.: Sand, fine, silty, brown; oil sheen, oily
				10-11	odor.
					Bottom 6 in.: Sand, coarse to fine, trace silt,
					black; free oil (green).
	12	14	1.2	6-5-	Sand, fine, silty, brown; oil sheen, oily odor
				5-6	
	14	16	1.4	5-3-	Silt (interlayered), some fine sand and sand, fine to
		,		6-8	medium, trace silt, gravel, brown; oil sheen, oily
					odor.
	16	18	1.4	8-8-	Sand, fine to coarse, some gravel, silt, gray; trace
				8-15	oil sheen, slight oily odor.
	····				
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BORING: 64S-2	PROJECT NO: NY360	PS01 P	AGE: 1 of 1
SITE General Electrocation: Pittsfield,			RILLING COMPLETED: 5/17/88
	LE AMETER: 8 in.	TYPE OF SAM CORING DEVI	PLE/ CE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft	SAMPLING INTERVAL:	continuous	- 2 ft
LAND-SURFACE ELEVATION:	{ } SURVEYED { } ESTIMATE	DATUM:	
DRILLING FLUID USED:	None DRILL	LING METHOD:	Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat	'l. Testing DRILLER:	Tom	HELPER: Bob
PREPARED BY: J. Duminu	co HAMMER WEIGHT:	140 lb HAM	MER DROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
Ì	PROM	TO	1	1	
	0	10	-	-	Augered
	10	12	1.0	4-4-	Sand, fine, brown (top 6 in.): sand, fine to coarse,
				7-4	some gravel, trace silt, gray (bottom 6 in.)
					(wet).
	12	14	0.2	6-7-	Sand, fine to coarse, some gravel, trace silt, gray;
				2-2	free oil (green), oily odor.
			}		
	·				
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BORING: 645-3	PROJECT NO: NY	360PS01	PAGE: 1 of 1
SITE General LOCATION: Pittsfie	Electric Co. DRILL ld, MA (Area 2) START		DRILLING COMPLETED: 5/18/88
TOTAL DEPTH DRILLED: 18 ft	HOLE DIAMETER: 8 in.	TYPE OF SA CORING DEV	MPLE/ ICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE:	2 ft x 2 in. SAMPLI		- 2 ft
LAND-SURFACE ELEVATION:	( ) SURVE ( ) ESTIM	YED ATED DATUM:	
DRILLING FLUID USE	D: None D	RILLING METHOD:	Hollow Stem Auger
DRILLING CONTRACTOR: Soil &	Mat'l. Testing DRILLE	R: Tom	HELPER: Bob
PREPARED BY: J. Du	minuco HAMMER WEIG	HT: 140 1b HA	MMER DROP: 30 in.

SAMPLE NO	SAM DEP	PLE TH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	7		
	0	10	-	-	Augered
	10	12	1.0	9-8-	Sand, fine to medium, trace silt, gravel, gray; oil
				7-7	sheen, oily odor.
	12	14	2.0	5-6-	Sand, fine to medium, some silt, trace gravel, gray;
				5-5	oil sheen, oily odor.
	14	16	1.0	3-2-	Do (wet).
			<u> </u>	4-5	
	16	18	1.2	4-4-	Do, trace 1/2 in. layers of oil stained wood.
<del></del>				7-11	
<del></del>			<u> </u>		
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BORING: 64S-4	PROJECT NO: NY360PS01	PAGE: 1 of 1
SITE General Electri LOCATION: Pittsfield, MA	c Co. DRILLING (Area 2) STARTED: 5/18/88	DRILLING COMPLETED: 5/18/88
TOTAL DEPTH HOLE DRILLED: 16 ft DIAME	TER: 8 in. TYPE OF CORING D	SAMPLE/ EVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x	2 in. SAMPLING continu	ous - 2 ft
LAND-SURFACE ELEVATION:	( ) SURVEYED ( ) ESTIMATED DATUM:	
DRILLING FLUID USED: Non	e DRILLING METHO	D: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l.	Testing DRILLER: Tom	HELPER: Bob
PREPARED BY: J. Duninuco	HAMMER WEIGHT: 140 1b	HAMMER DROP: 30 in.

SAMPLE NO	SAM DEP	PLE TH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	1		
	0	10	-	_	Augered
	10	12	0.8	13-10-	Sand, fine to medium, trace gravel, silt, gray/brown
				7 - 7	oil sheen and odor.
	12	14	2.0	5-5-	Sand (interlayered), fine to medium, trace silt,
				10-10	gravel and silt, trace fine sand, gray, oil sheen,
					slight odor.
	14	16	0.2	8-7-	Sand, fine to medium, some silt, gravel, gray; oil
				5-7	sheen, oily odor.
				•	
		1			

BORING:	645-5	PROJECT NO:	TY360PS01	PAGE: 1 of	1
SITE COCATION:	General Electri Pittsfield, MA	c Co. DRII (Area 2) STAI	LING TED: 5/18/8	DRILLING COMPLETED:	5/18/88
TOTAL DEPTI DRILLED: 1		TER: 8 in.	TYPE CORIN	OF SAMPLE/ IG DEVICE: Split	Spoon
LENGTH & DO	IAMETER DEVICE: 2 ft x	2 in. SAMPI	ING WAL: cont	inuous - 2 ft	
LAND-SURFACELEVATION:	CE		YEYED MATED DATE	DM:	
DRILLING F	LUID USED: Non	e	DRILLING ME	THOD: Hollow St	em Auger
DRILLING CONTRACTOR	: Soil & Mat'l.	Testing DRIL	ER: Tom	HELPER:	Bob
PREPARED BY	Y: J. Duminuco	HAMMER WE	GHT: 140 1t	HAMMER DROP:	30 in.

SAMPLE NO	SAMPLE DEPTH		LE CORE BLOW H RECVRY COUNTS	BLOW	SAMPLE/CORE DESCRIPTION	
	FROM	TO				
	0	5	-	-	Augered	
	5	7	1.4	7-9-	Sand, fine to medium, trace gravel, silt, gray; oil	
				8-5	sheen and odor.	
	7	9	0.3	7-8-	Do	
				4-4		
	9	11	0.4	2-2-	Do, trace free oil (wet).	
				4-7		
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BORING:	648-6	PROJECT	NO: NY3601	PS01	PAGE: 1 of 1	
		lectric Co. d, MA (Area 2)	DRILLING STARTED:	5/18/88	DRILLING COMPLETED: 5/18/83	8
TOTAL DEP		HOLE DIAMETER: 8 in		TYPE OF S CORING DE	AMPLE/ VICE: Split Spoon	
LENGTH &			SAMPLING INTERVAL:	continuo	ous - 2 ft	
LAND-SURF.		{}	SURVEYED ESTIMATE	D DATUM:		
DRILLING	FLUID USED	: None	DRIL	LING METHOD	: Hollow Stem Auge:	r
DRILLING CONTRACTO	R: Soil &	Mat'l. Testing	DRILLER:	Tom	HELPER: Bob	
PREPARED	BY: J. Dum	inuco HAMME	R WEIGHT:	140 1ъ н	LAMMER DROP: 30 in.	

SAMPLE NO	SAM DEP	SAMPLE DEPTH		BLOW	SAMPLE/CORE DESCRIPTION			
	FROM	TO						
	0	5	-	-	Augered			
	5	7	2.0	5-7-	Sand, fine, some silt, trace cinders, gray; oil			
				7-8	sheen, odor.			
	7	9	1.4	5-4-	Sand, fine, some silt, some silt layers, gray; oil			
				3-8	sheen, oily odor.			
			I					

BORING: 64X-1	PROJECT NO: NY360PS01	PAGE: 1 of 1
SITE General Electric LOCATION: Pittsfield, M	ric Co. DRILLING A (Area 2) STARTED: 5/17/88	DRILLING COMPLETED: 5/17/88
TOTAL DEPTH HOLD DRILLED: 8 ft DIA	E TYPE OF CORING	SAMPLE/ DEVICE: Split Spoon
LENGIH & DIAMETER OF CORING DEVICE: 2 ft :	SAMPLING x 2 in. INTERVAL: contin	nons
Land-surface Elevation:	( ) SURVEYED ( ) ESTIMATED DATUM:	
DRILLING FILID USED: No	one DRILLING METH	OD: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'	l. Testing DRILLER: Tom	HELPER: Bob
PREPARED BY: J. Duminuox	HAMMER WEIGHT: 140 lb	HAMMER DROP: 30 in.

SAMPLE NO	E SAMPLE DEPTH		SAMPLE CORE B DEPTH RECVRY CO		SAMPLE/CORE DESCRIPTION
1	FROM	OT	7	ļ	
	0	2	1.3	4-8-	Sand, fine to medium, some silt, trace gravel, brown.
				28-40	
	2	4	0.4	8-7-	Do, trace oil sheen, oily odor.
				7-7	
	4	6	0	6-5-	No recovery.
				4-4	
	6	8	1.0	6-4-	Sand, fine to medium, some silt, trace gravel,
				10-10	cinders, 1 in. clay layer, gray; oily odor, oil
					sheen (damp).
				<u> </u>	· · · · · · · · · · · · · · · · · · ·

BORING: 64X-2 PROJEC	T NO: NY360PS01	PAGE: 1 of 1
SITE General Electric Co. LOCATION: Pittsfield, MA	DRILLING STARTED: 5/17/88	DRILLING COMPLETED: 5/17/88
TOTAL DEPTH HOLE DRILLED: 8 ft DIAMETER: 2	in. TYPE OF :	SAMPLE/ EVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x 2 in.	SAMPLING INTERVAL: continue	ous - 2 ft
LAND-SURFACE ELEVATION:	SURVEYED PATUM:	
DRILLING FIUID USED: none	DRILLING METHO	D: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l. Testin	g DRILLER: Tom	HELPER: Bob
PREPARED BY: J. Duminuco HAM	MER WEIGHT: 140 lb	HAMMER DROP: 30 in.

PKL	PARLU I		Diminuc		AMMER WEIGHT: 140 lb HAMMER DROP: 30 in.		
SAMPLE NO	PLE SAMPLE O DEPIH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION		
	FROM	TO	] .				
	0	2	1.0	6-8-	Sand, fine to medium, some gravel, silt, brown.		
				14-12			
	2	4	0.8	10-8-	Do, trace brick.		
				6-12			
	4	6	0.4	8-6-	Do, trace wood.		
				9-7			
	6	8	1.0	6-3-	Do, trace black stained soil, oil sheen, oily odor		
				5~4	(damp).		
		· · · · · · · · · · · · · · · · · · ·					

BORING: 64X-3	PROJECT NO: NY360	PS01 PAGE:	1 of 1
SITE General Ele LOCATION: Pittsfield,	ectric Co. DRILLING MA STARTED:	5/17/88 DRTLI	ING ETED: 5/17/88
	OLE DIAMETER: 2 in.	TYPE OF SAMPLE/ CORING DEVICE:	Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 1	Et x 2 in. SAMPLING INTERVAL:	continuous - 2	! ft
LAND-SURFACE ELEVATION:	( ) SURVEYED ( ) ESTIMATE		
DRILLING FILID USED:	none DRIL	LING METHOD: Holl	.ow Stem Auger
DRILLING CONTRACTOR: Soil & Ma	at'l. Testing DRILLER:	Tom HEI	PER: Bob

SAMPLE NO	SAMPLE DEPIH		E CORE RECVRY		SAMPLE/CORE DESCRIPTION	
Ī	FROM	TO				
	0	2	0.4	4-4-	Sand, fine to medium, trace silt, gravel, wood,	
				8-9	brown.	
	2	4	1.5	8-8-	Do, trace cinders.	
				6–6		
	4	6	0.8	9-4-	Do; with 3 in. layer silt, some clay, orange-brown	
				4-12	7.0 to 7.3 ft (wet).	
	6	8	0.4	10-5-	Sand, fine to medium, trace gravel, silt, black	
				4-4	stained soil, oil sheen, oily odor (wet).	
			<u> </u>	!		
			<u> </u>			
		<u> </u>		! 		

BORING: 64X-4 PROJECT NO: NY36	60PS01 PAGE: 1 of 1
SITE General Electric Co. DRILLID LOCATION: Pittsfield, MA STARTE	NG DRILLING D: 5/17/88 COMPLETED: 5/17/88
TOTAL DEPTH HOLE DRILLED: 15 ft DIAMETER: 8 in.	TYPE OF SAMPLE/ CORING DEVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x 2 in. SAMPLING INTERVAL	
LAND-SURFACE ( ) SURVEYI ELEVATION: ( ) ESTIMAT	ED I'ED DATUM:
DRILLING FLUID USED: none DRI	ILLING METHOD: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l. Testing DRILLER:	: Tom HELPER: Bob
PREPARED BY: J. Duminuco HAMMER WEIGH	r: 140 lb HAMMER DROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	]	'	
	5	7	0.5	7-5-	Sand, fine to medium, trace gravel, silt, brick,
				1-1	brown.
	7	9	0.3	WH/24"	Silt, trace clay, gravel, fine sand, brown; (damp).
	9	11	1.2	1/24"	Clay, silty, trace gravel, gray (wet).
	11	13	0	WR/24"	No recovery.
	13	15	0.8	1-1-	Clay, silty, trace gravel, brown; piece of plastic
				6-6	liner, piece gray wood at tip.
					Poured 1 bag of Benseal down borehole and mixed with
					water, then backfilled.
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BORING: 64X-	5 PROJECT	NO: NY3601	2501	PAGE: 1 C	of 1
SITE Gener LOCATION: Pitts	al Electric Co. field, MA	DRILLING STARTED:	5/17/88	DRILLING COMPLETED:	5/17/88
TOTAL DEPTH DRILLED: 8 ft	HOLE DIAMETER: 8 in	1.	TYPE OF SA CORING DEV	MPLE/ VICE: Split	: Spoon
LENGTH & DIAMET OF CORING DEVIC	ER E: 2 ft x 2 in.	SAMPLING INTERVAL:	continuou	ns - 2 ft	
LAND-SURFACE ELEVATION:		SURVEYED ESTIMATE	DATUM:		
DRILLING FLUID	USED: none	DRIL	ING METHOD:	Hollow Ste	m Auger
DRILLING CONTRACTOR: Soi	l & Mat'l. Testing	DRILLER:	Tom	HELPER:	Bolb
PREPARED BY: J.	Duminuco HAMME	R WEIGHT:	140 lb HA	MMER DROP:	30 in.

SAMPLE NO	SAMPLE DEPIH		SAMPLE CORE BLOW RECVRY COUNTS		SAMPLE/CORE DESCRIPTION
	FROM	TO	]		
	0	5	_	-	Augered
	5	6	0.5	24-50	Wood, augered to 7.0'.
	7	8	0.2	22-7	Wood; sand, fine to medium, silty, some gravel,
		ļ			brown; (wet) spoon tip blocked with wood, wood
					inside augers - abandoned boring.
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BORING: 64X-6	PROJECT NO: NY360PS01	PAGE: 1 of 1
SITE General Electri LOCATION: Pittsfield, MA	c Co. DRILLING STARTED: 5/17/88	DRILLING COMPLETED: 5/17/88
TOTAL DEPTH HOLE DRILLED: 11 ft DIAME	TER: 8 in. TYPE OF S	SAMPLE/ EVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x	2 in. SAMPLING INTERVAL: continue	ous - 2 ft
LAND-SURFACE ELEVATION:	{ } SURVEYED	
DRILLING FLUID USED: non	e DRILLING METHO	D: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l.	Testing DRILLER: Tom	HELPER: Bob
PREPARED BY: J. Duminuco	HAMMER WEIGHT: 140 lb	HAMMER DROP: 30 in.

SAMPLE NO	SAM DEP	PLE IH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	5	_	_	Augered
	5	7	0.9	5-3-	Sand, fine to medium, some cinders, trace gravel,
				4-5	silt, silt layers, gray (damp).
	7	9	1.3	5-18-	Sand, fine to medium, trace gravel, silt, gray;
				6-5	layers of silt, trace clay, brown; oil sheen, oily
					odor (wet).
	9	11	0.2	4-5-	Piece of fiberglass pipe.
				6-4	
					Abandoned boring.
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BORING: 64X-7	PROJECT	NO: NY360P	S01	PAGE: 1 c	of 1
SITE General I LOCATION: Pittsfie	Electric Co. ld, MA	DRILLING STARTED:		DRILLING COMPLETED:	5/17/88
TOTAL DEPTH DRILLED: 20 ft	HOLE DIAMETER: 8 in	1.	TYPE OF SA CORING DEV	MPLE/ ICE: Split	: Spoon
LENGIH & DIAMETER OF CORING DEVICE:	2 ft x 2 in.	SAMPLING INTERVAL:	continuou	s - 2 ft	
LAND-SURFACE ELEVATION:	{ }	SURVEYED ESTIMATED	DATUM:		
DRILLING FLUID USE	o: none	DRILL	ING METHOD:	Hollow Ste	m Auger
DRILLING CONTRACTOR: Soil &	Mat'l. Testing	DRILLER:	Tom	HELPER:	Bab
PREPARED BY: J. Dur	minuco HAMME	R WEIGHT:	140 lb HA	MMER DROP:	30 in.

		-			
SAMPLE NO	SAM DEP	PLE IH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	OT			
	0	8	- '		Augered
	8	10	0.2	1-1-	Sand, fine to medium, some silt, trace gravel, gray;
				1-1	(wet), oil sheen, oily odor.
	10	12	0.3	1/24"	Silt, clayey, trace gravel, fine sand, brown.
	12	14	0.3	1/24"	Sand, fine to medium, some silt, trace gravel, brown;
					oil sheen, oily odor.
	14	16	0.2	2-2-	Gravel and silt, some clay, brown; trace black
				3-3	stained soil, oil sheen (sample may not be
					representative)
	16	18	1.0	5-5-	Sand, coarse (top 2 in.); clay, silty, trace gravel,
				7-8	brown (mid 6 in.); gravel, trace coarse sand, gray
	_				(bottom 4 in.).
	18	20	1.2	10-15-	Sand, fine to medium, trace silt, gravel, gray.
				11 <del>-9</del>	
					Water level 11.1 ft
			·		
					· · · · · · · · · · · · · · · · · · ·

# GESLOG ET 8 USS

At interpretative complication of the sample, core, crilier, and geophysical lags) mell AA-182 Project N360ST1 Page 1 of 1 Lithologic Unit Depth Sate/ 9/23/80 Below Land Surface Lithologic Unit Description from (ft) to (ft) Blacktop: misc. gravel fill fuel oil smell ٥ 2 moist, brown fine-grained silty sand: 21 fuel oil smell diminishing w/depth; unit becomes siltier w/depth moist, greenish-gray, oil-stained, coarse 21 30.5 grained gravelly sand: gravel-qtz and metamorphic rock fragments very dense, brown, fine sand and silt with 30.5 embedded gravel BOB 31' 15' screen 15' pipe 1 curb box

# GEOLDS ST \$ LCS

ve .	BB Project N360ST1	Page	_ of _1_
Date/		Lithologic Un Below Land S	
Time	9/30/80 Lithologic Unit Description	from (ft)	to (ft)
	Blacktop- brown gravel and sand fill	0	4
· ·	Blk organic layer (1' thick) gives way to	4	10
· 	brown, silty sand; trace of gravel		
	Brown silt grades into brn pebble gravel	10	18
	with silt matrix- no coarse gravel:		
	very loose:		-
	Gray-green well-sorted gravelly sand	18	30
	interbedded with brown silt; oil		
	stain in gravel at 20'; wet at 24'		
	out of stain at 30'		
	Brown, v. dense silt with embedded	30	
	gravel		
	BOB 31'; 15' screen; 15' pipe; 1 curb box		
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Sate ~∵me	9/22/80 Lithologic Unit Description	Lithologic ( Below Land from (ft)	Surface
<del></del>	6" blacktop & black gravel fill-turning brown color	<del></del>	2
	moist, orange-brown fine sand with gravel	2	8
	and silt components; fairly loose		
	wet, brown, micaceous silt-oil stain at 15.5	8	18
	moist, brown, gravelly sand; quartz and	_ 18	
	metamorphic fragment gravel: little silt		
	BOB 31.8 15' screen		
	· !		
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DD Project N360ST1	Page _	<u>1</u> of
ste/ ime 9/23/80 Lithologic Unit Description	Lithologic L Below Land from (ft)	Surface
Sand, gravel, boulder, cement fill	0	3
Moist, brown, fine-grained silty sand;	3	16.5
Very dense, brown silt	16.5	18.5
Moist, grayish-brown gravelly sand; quartz &	18.5	28
metamorphic rock clasts - layers of brown		1
silt present (2-8" thick)		
moist, brown, very dense fine sand and	28	
silt with quartzite clasts		
BOB 31' screened 16-31'		
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An interpretative combination of the sample, core, driller, and geophysical logs. well EE Project N360ST1 ____ Fage 1 of 1 Lithologic Unit Depth Below Land Surface Date/ Time Lithologic Unit Description from (ft) to (ft) Sand and Gravel Fill 0 12.5 Dry, brown, fine-grained silty sand: 12.5 18 gravel clasts - mostly quartz Brown, coarse - grained sand and fine 18 30 gravel; rock fragments; organic material present: coarsens w/depth: lenses of orange clayey silt oil stain 24-34 (?) Eprobably dies out earlier very dense brown silt with qtz gravel 301 BOB 35' 20-35 screen zone

#### GET_05 ST \$ LQ5

and interpretative complination of the sample, core, driller, and deophysical

0.05 FF Project N360ST1 Page 1 of 1 Lithologic Unit Depth Below Land Surface Sate Time 9/24/80 Lithologic Unit Description from (ft) to (ft) Moist, gray, poorly sorted sand and gravel with interbeds of brown fine sand and silt: organic horizons present: trace of embedded gravel in fine sand and silt layers. Oil stain from 20 to 361 Wet, brown, fine to medium grained sand 29.51 (25% silt) - very loose- saturated w/oil This unit contains beds of the gray, well sorted sand and gravel it underlies-Also present are brown silt layers (1' thick) Sequence (Gray, poorly sorted sand and grave) (Brown sand (Brown silt -then repeats-Brn, Very dense, silt with embedded gravel 381 BOB 38' screened 20-35'

eil	GG Project <u>N360ST1</u>	Page <u>1</u> of	1
ate/ ime	Lithologic Unit Description	Lithologic Unit D Below Land Surfa from (ft) to	ce
	Gray, well sorted, gravelly sand;		34
	fairly dense - quartz and marble clasts:		
<del></del>	layers ( 2-6" ) of brown, organic-streaked		
	silt oil stained 23-34'		
	Brown, very dense silt with embedded gravel	34	
	BOB 35' 15' screen 20' pipe		
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on interpretative compination of the sample, core, oriller, and deophysical 5 5 3 Project ____N360ST1 x 2 _____ Page 1 of 1 Lithologic Unit Depth Date Time Below Land Surface 9/25/80 Lithologic Unit Description from (ft) to (ft) Cobble and Boulder Fill Ω 26! Alternating layers of grayish-green sorted 26 37' gravelly sand and brown silt Very dense, gravelly sand; clasts > 1" 37 -No evidence of oil- water 232.5' BOB 40' 20' screen

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*e -	11 Froject N360ST1	Page _	<u>1</u> of
		Lithologic (	
Date/ Time	9/29/80 Lithologic Unit Description	Below Land from (ft)	
	Gravish-brown, fairly loose, silty sand		
	with abundant gravel clasts ( guartz and		
	metamorphic rock fragments) - coarsens		
	with depth - boulder 12-13'		
	Grayish-brown well sorted gravelly	15	
	sand - greenish metamorphic rock		
	fragments (chlorites) oil stain 28.5		
	to 34		
	Brown silt - very homogeneous with	34	
	some embedded gravel		
	BOB 35 15' screen 20' pipe 1 curb box		
			ļ
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# GETLOGAST S LOG

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Date/ Time	9/26/80 Lithologic Unit Description	Lithologic ( Below Land from (ft)	Surface
	Cobble Fill	0	5
	Brown, coarse sand and fine gravel:	5	
	rock fragments, quartz, micas and amphiboles		
	very loose - with layers of brown silt		
	stained 30-32'		
	water 32.5 screened 38-23' + 23' pipe		
	stop at dense silt 38'		-
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# 20000 57 8 000

^e ∷ _	KK Project N360ST1	Page	1 of 1
Date/ Time	9/30/80 Lithologic Unit Description	Lithologic ( Below Land from (ft)	
<u> </u>	6" concrete- Black gravek and cinder fill	0	15
	Dry, brown, pebble gravel with cobbles	15	
	and boulders supported by poorly sorted		
	sand - interbeds of brown silt - very		
	dense- difficult drilling		,
	water 29' oil stain 30.5 - 37.5'	,	Dense silt 37.5
	BOB 40 15' screen 25' pipe		
	· · · · · · · · · · · · · · · · · · ·		
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### GETLIG ST S LTG

An interpretative combination of the sample, core, or iter, and geophysical ogs) well LL Project AREA 2 Page of L'thologic Unit Depth Date/ Below Land Surface from (ft) to_(ft) Time Lithologic Unit Description Moist, black-brown, cinder and cobble .... ___0 fill 15 Moist, brown, fairly homogeneous silty 8 sand: very little gravel Moist-wet, gray, well sorted, 22 15 immature sand and fine gravel; layers of brown, silty sand present (2-6" thick) - oil smell and stain (15-22") Brown, very dense silt with embedded quartz gravel BOB 25 101 2" PVC Screen Oil Stain 15(?) - 22; Amber Oil

# 

ММ	M Project AREA 2	Fage _	cf
€.	Lithologic Unit Description	Lithpiogic     Below Land  from ift/	Surface
Moist,	brown, poorly sorted sand	0	10
and gr	avel fill		
Moist	to wet, greenish-gray ( green	10	17.5
color	due to chloritized metamorphics),		
well s	orted, immature, gravelly sand;		
oil sm	ell and stain 11'-17.5'		
Moist,	brown, medium dense to dense	17.5	
silt w	ith embedded gravel		
: 	30B 26		
i I	10' 2" PVC Screen		
	13.51 211 PVC Pipe		
l			1

321113 2<u>7 2 103</u> An interpretative combination of the sample, core, prilier, and geophysical 025 well NN Project AREA 2 Page of Lithologic Unit Depth Date/ Below Land Surface Lithologic Unit Description from (ft) Time to (ft) Moist, brown, fairly loose silty and 0 10 gravelly sand fill; gravel clasts 1" in diameter; pea gravel in places Moist to wet, grayish-green, well 10 22 ___ sorted gravelly sand; medium-dense; (wet 12') - very immature w/abundant rock fragments oil stain and smell 14-22' moist, brown, med-dense to dense 22 silt with embedded quartz and rock fragment gravel BOB 25' 10' 2" PVC Screen

# <u>310003 17 3 003</u>

00	Froject AREA 2	Page	of				
e/	Lithologic Unit Description	Below Lan	Lithologic Unit Depth Below Land Surface from (ft) to (ft				
HARD CO	NCRETE	0	0.5				
CONCRET	E AND WIRE FILL	0.5	7.5				
Moist,	brown, loose to medium	7.5	25				
dense s	ilty and gravelly sand;						
oily at	: 18' - wet and extremely						
oily at	201 - stained black						
Moist	, brown, medium-dense silt	25					
with qu	artz gravel						
E	OB 24.5						
	101 211 PVC Screen						
<u> </u>							
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# GEOLOG ST 8 100

en interpretative complination of the sample, core, driller, and geophysical app

~÷	PP Project AREA 2	Fage	of	
		Lithologic U	Unit Depth	
late The	Lithologic Unit Description	Below Land from (ft)		
i	Dry, brown, silty and gravelly sand	0	18'	
	fill			
	Wet, oily, medium dense, well	18'	26 '	
	sorted sand and gravel: abundant			
	rock fragments (mostly metamorphics			
	with abundant chlorite).			
:	Moist, brown, hard silt with	26 '		
·	embedded quartz gravel		<del></del> -	
<u> </u>	30' BOB			
i	15' 2" PVC Screen			
	15' 2" PVC Pipe			
	_			
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i				
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*ē	QQ Project AREA 2	Page	e of _
			_
Date/ Time	Lithologic Unit Descrip	Below La	ic Unit Dep and Surface
	Moist, brown, very homogenous, m		15
<del>i-</del>	grained sand; clean fill		
<del></del>	Moist to wet, greenish-gray, wei	1 15	29
	sorted, immature sand and fine g		
; ;	Oil smell and stain at 19'		
<del></del>	Moist, brown, very dense silt wi	th 29	
	quartz and rock fragment gravel		
:	BOB 35'		
j	Screen 15'		
·			
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# <u> 380103 87 8 188</u>

-1 - Tierpretative complination of the sample, core,  $dr^{(1)}$  er, and geophysical up:

-÷	SS Project AREA 2	Page	of				
Date/ Time	Lithologic Unit Description	Lithologic U Below Land I from (ft)	Lithologic Unit Depth Below Land Surface from (ft) to (ft)				
į	Moist, brown, loose fine-grained sand and	0	16				
	gravel fill; concrete at 21.						
	Moist, brown, medium-dense, fine to medium	16	19				
!	grained sand with wood fragments						
i	Moist, gray, med-dense, fine-grained sand	19	20				
	Wet, gray, heterogenous sand and gravel	20					
-	layers - oily to 29'						
<u>.</u>	B08 40'		<del></del>				
į	Screen 25'		<u>-</u>				
	Pipe 15'						
<del></del>			<del></del>				
<u>-</u>			<del></del>				
			<del></del>				
1			· <del></del>				
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TT Project	AREA 2	Page _	of	
/ Lithologic_Unit_D	Lithologic Unit Depth Below Land Surface from (ft) to (ft			
HARD CONCRETE		0	.5	
Moist, brown, medium dense	to loose.	0.5	16	
poorly sorted sand and gra	yel;			
Wet, gray, micaceous silt;	oily: lenses	16	20	
of gray fine-grained sand	included within			
Wet, oily, black fine to m	edium grained	20	22	
sand; medium-dense				
Wet,oily, black, poorly so	rted, gravelly	22	26.5	
sand				
Wet, brown, medium-dense,	poorly sorted	26.5	36	
gravelly sand	34.5 BOB			
20' 2" PVC S	creen			
14' 2" PVC P	ipe			
			-	

# GECLOG ST S LOG

and interpretative complication of the sample, core, driller, and geophysical

VV Project AREA 2 Page of ____ Lithologic Unit Depth Below Land Surface Date Time: <u>Lithologic Unit Description</u> from (ft) to (ft) Moist, brown, gravel and sand fill 0 10 Moist, brown, hard, fine-grained sand 10 13 with abundant gravel Moist, brown, dense silt with lenses of 13 fine sand and pebble gravel Refusal at 281 BOW 28' 15' Screen

BORING WELL: 53	PROJECT NO	): NY36051	W01	PAGE:	1
SITE Area 2 LOCATION: General	Electric Co.	DRILLING STARTED:	12/15/87	DRILLI COMPLE	NG PIED: 12/16/87
TOTAL DEPTH DRILLED: 29 ft	HOLE DIAMETER: 8-1/	4 in.	TYPE OF CORING I	SAMPLE/ DEVICE:	Split Spoon
LENGTH & DIAMETER OF CORING DEVICE:		SAMPLING INTERVAL:		-	
-					
LAND-SURFACE ELEVATION:	{ }	SURVEYED ESTIMATE	DATUM:	Land Sur	face
	{D: { } }	ESTIMATE	-		face w Stem Auger
ELEVATION:		ESTIMATE DRILL	-		w Stem Auger

SAMPLE NO	SAM DEP	PLE IH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	5	-	_	Gravel, sand brick and concrete fragments (fill
					material), no sample taken.
	5	7	1.5	41-10-	Sand (100%), medium tan, well sorted.
				8-12	
	7	9	1.5	8-7	Sand (100%), medium, rounded, well sorted, tan to
	- "			6-7	light brown.
	9	11	1.5	7-6-	Sand (100%), medium to fine, tan to gray, with iron
				8-8	staining, well sorted, slightly coarser with
					depth.
	11	13	1.8	4-5-	Sand (97%), medium/fine, light brown to gray, some
				4-6	iron staining. Clay (3%), gray, occurring in thin
					layers.
	13	15	1.5	6-5-	Sand (100%), medium to coarse, light gray/brown, well
				6-6	sorted lower .2' wet.
	15	17	1.5	4-4-	Sand (60%), coarse, gray sand (40%) medium gray, wet
	'			4-5	saturated. Note: water table approximately 15 ft.
	17	19	.5	3-4-	Sand (100%), coarse to medium, dark gray.
				5 <del>-</del> 6	
	19	21	1.7	4-7-	Sand (100%), coarse to medium, gray.
				8-8	
	26	28	.5	9-8-	Gravel (60%), angular, poorly sorted; sand (25%),
				11-13	coarse; sand (10%), fine; silt/clay (<5%) lower
					portion of sample lost, broken spring retainer.

BORING WELL 54	PROJECT NO:	NY360SW	701	PAGE:	1
SITE Area 2 LOCATION: General	Electric Co.	RILLING STARTED:	12/16/87	DRILL COMPL	ING ETED: 12/21/87
TOTAL DEPTH DRILLED: 28 ft	HOLE DIAMETER: 8-1/4	in.	TYPE OF CORING I	SAMPLE/ EVICE:	Split Spoon
LENGIH & DIAMETER OF CORING DEVICE:	2 ft x 2 in. I	AMPLING VIERVAL:	continuo	us 5 to :	17 ft
LAND-SURFACE ELEVATION:	· { } i	SURVEYED SSTIMATED	DATUM:	Land Su	rface
DRILLING FLUID USE	D: -	DRILL	ING METH	D: Holl	ow Stem Auger
DRILLING CONTRACTOR: Soil &	Mat'l. Testing D	RILLER:	Mike	HELL	PER: Kenny
PREPARED BY: R. Eb	y HAMMER	WEIGHT:	140 lb.	HAMMER 1	DROP: 30 in.

			_		
SAMPLE NO	DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	5	-	-	Gravel - sand - clay (poorly sorted, fill), no sample
					taken.
	5	7	1.0	8-13-	Gravel (40%); sand (40%), coarse; sand (20%), fine.
				18-11	Poorly sorted, sample contains ash and fragments
					of brick (fill).
	7	9	1.0	7-4-	Gravel (70%); sand (20%), coarse; sand (10%) fine;
				5-4	sample contains brick and cinder fragments (fill).
	9	11	1.5	4-3-	Sand (60%), fine; silt (20%); clay (20%); tan to
				2-1	light brown well sorted fine sand from 9-10 feet.
					Finer silt/clay from 10-11 feet (natural
	,				formation).
	11	13	1.5	2-2-	Sand (60%), coarse; sand (25%), fine; silt/clay
				3-3	(15%), gray to light brown, coarsens downward,
				-	moist near bottom.
	13	15	1.5	2-3-	Sand (90%), coarse; sand (10%) fine; organic debris,
				4-4	wood (trace); tan to gray, lower half of sample
					saturated, slightly oily odor. Note: Water table
			,		approximately 14 ft.
	15	17	1.5	-	Sand (90%), coarse; sand (5%) fine; organic debris
					(5%); fairly well sorted, rounded, tan to gray,
					slightly oily odor.
				<del>-</del> .	
		·			

BORING WELL 55	PROJECT NO	: NY360ST	W01	PAGE:	1
SITE Area 2 LOCATION: General	Electric Co.	DRILLING STARTED:	12/21/87	DRILLII COMPLE	NG IED: 12/21/87
TOTAL DEPIH DRILLED: 29 ft	HOLE DIAMETER: 8-1/	4 in.	TYPE OF CORING D	SAMPLE/ EVICE: _	Split Spoon
LENGIH & DIAMETER OF CORING DEVICE:		SAMPLING INTERVAL:	continu	ous 5 - :	19 ft
LAND-SURFACE ELEVATION:	{ }	SURVEYED ESTIMATE	D DEJUM:	Land Sur	face
DRILLING FLUID USE	D: -	DRIL	LING METHO	D: Hollo	w Stem Auger
DRILLING CONTRACTOR: Soil &	Mat'l. Testing	DRILLER:	Mike	HELP	ER: Kenny
PREPARED BY: R. Eb	у намме	R WEIGHT:	140 lb.	HAMMER DI	ROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION		
	FROM	то	]				
	0	5	_	-	Sand, some gravel, no sample taken (fill?).		
	5	7	1.5	3-4-	Sand (90%), fine; gravel (10%); gravel at bottom of		
				5-5	sample, tan - light brown.		
	7	9	.5	6-7-	Sand (50%), coarse; gravel (50%), with some large		
				6-6	pebbles, poorly sorted.		
	9	11	1.5	4-3-	Sand (50%), coarse; gravel (50%), some large pebbles,		
				3-4	poorly sorted.		
	11	13	1.5	6-4-	Sand (40%), medium to fine; sand (20%), coarse;		
				5-5	gravel (20%) some large pebbles, poorly sorted,		
					greenish brown, moist near bottom, slightly oily.		
	13	14	.5	6-4	Sand (100%) medium, well sorted, moist, oily, oily		
,					odor.		
	14	15	.5	5-5	Sand (50%), coarse; gravel (50%), with some large		
					pebbles; poorly sorted, oily, oily odor, wet		
					(saturated).		
	15	17	2.0	5-5 <del>-</del>	Sand (90%), medium to coarse, gravel (10%); gray,		
				5-5	poorly sorted near top, sand mixed with gravel		
					grading into well sorted sand, upper .5' saturated		
					with oil, oily cdor.		
	17	19	2.0	3-16-	Sand (80%), coarse, sand (15%), medium; gravel (5%)		
_	· <u>-</u> ,,—-			15-17	quartz pebbles, gray, poorly sorted.		
			1				

BORING/WELL 56	PROJECT NO: NY360S	W01	PAGE:	1
SITE Area 2 LOCATION: General Ele	ectric Co. DRILLING STARTED:	12/22/87	DRILLIN COMPLET	G ED: 12/22/87
	FOLE DIAMETER: 8-1/4 in.	TYPE OF CORING D	SAMPLE/ EVICE:	Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 f	t x 2 in. SAMPLING INTERVAL:			
LAND-SURFACE ELEVATION:	( ) SURVEYED ( ) ESTIMATE	D DATUM:	Land Sur	face
DRILLING FLUID USED:	- DRII.	LING METHO	D: Hollow	Stem Auger
DRILLING CONTRACTOR: Soil & Ma	at'l. Testing DRILLER:	Mike	HELPE	R: Kenny
PREPARED BY: R. Eby	HAMMER WEIGHT:	140 lb.	HAMMER DE	OP: 30 in.

		<del></del>			<del></del>
SAMPLE NO	SAMPLE DEPIH		CORE BLOW RECVRY COUNTS		SAMPLE/CORE DESCRIPTION
	FROM	TO	] .		
	0	5	-	_	Sand, gravel, clay with fragments of brick and wood,
					no sample taken (fill).
	5	7	1.5	3-3-	Clay (70%), greenish brown; silt (25%); sand (5%)
				3-3	coarse with trace of gravel.
	7	9	2.0	3-2-	Sand (60%), fine; silt (30%); clay (5%); gravel (5%).
				3–3	Tan to light brown, some iron staining and trace o
					organic matter. Upper part of sample is gravel
					mixed with clay. Remainder is well sorted
					sand/silt with some hard packed clay on very
					bottom.
	9	11	1.5	3-4-	Sand (60%), medium to fine; clay (15%); gravel (10%);
				10-10	sand (5%), coarse. Upper portion hard packed clay
					with gravel. Trace organic matter and iron
					staining. Remainder of sample is medium/fine well
					sorted sand which grades into coarse sand and
					gravel. 1" diameter pebble lodged in end of
					spoon.
	11	13	1.5	6-10-	Sand (50%), coarse; gravel (45%) with some large
				9-10	pebbles; silt (5%); poorly sorted, iron stained
					near top, oily odor.
	13	15	1.5	7-6-	Sand (55%), coarse; gravel (45%), with some large
				4-6	pebbles; poorly sorted, saturated with oil, lower
					0.3 oil stained.
				L	

### SAMPLE/CORE LOG (Cont.d)

BORING WELL: 56

FROM

15

17

SAMPLE DEPIH

TO 17

19

1.5

2.0

SAMPLE NO

PREPARED BY: R. Eby PAGE: 2 CORE BLOW RECVRY COUNTS SAMPLE/CORE DESCRIPTION 6-7-Sand (90%), coarse; gravel (10%), with some pebbles; dark oil stain on upper 1.0' of sample, saturated 6-6 with yellow/brown oil. Sand (90%), coarse; gravel (10%), with some pebbles; 5-6upper 1.0' of sample saturated with oil, lower 9-9 1.0' water.

BORING WELL: 57	PROJECT NO:	NY360SV	<b>v</b> 01	PAGE: 1	
SITE Area 2 LOCATION: General E	lectric ©.	DRILLING STARTED:	12/28/87	DRILLING COMPLETED:	12/28/87
TOTAL DEPTH DRILLED: 30 ft	HOLE DIAMETER: 8-1/4	in.	TYPE OF CORLING D	SAMPLE/ EVICE: Spl	it Spoon
LENGIH & DIAMETER OF CORING DEVICE: 2		AMPLING NIERVAL:	continu	ous 5 - 21	
LAND-SURFACE ELEVATION:	{ }	SURVEYED ESTIMATE	DATUM:	Land Surface	
DRILLING FLUID USED	-	DRILL	LING METHO	D: Hollow St	em Auger
DRILLING CONTRACTOR: Soil & 1	Mat'l. Testing [	RILLER:	Mike	HELPER:	Kenny
PREPARED BY: R. Eby	HAMMET	WEIGHT:	140 lb.	HAMMER DROP:	30 in.

SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
FROM	TO			
0	5	<b>-</b> -	_	Bentonite, gravel, sand, clay, fill and bentonite
				slurry mixture, no sample taken.
5	7	.5	10-7-	Gravel (55%), with some large pebbles; clay (25%),
			6-7	sand (20%), medium (fill).
7	9	.5	11-9-	Clay (50%); gravel (25%); sand (25%); (fill).
<del></del>			5-4	
9	11	1.0	4-4-	Sand (60%), medium, silt (30%); organic matter (5%),
			5-4	gravel (5%); light brown, poorly sorted. At very
				bottom dark organic matter containing wood and
				plant fragments (fill?).
11	13	1.0	7-10-	Sand (50%), medium; gravel (30%); sand (10%) coarse;
			12-13	cinders/ash (10%); black, oily odor.
13	15	1.5	8-31-	Gravel (55%); cinders/ash (30%); sand (15%) medium;
,			21-21	black (oil stain?), strong odor of oil.
15	17	1.0	10-11-	Gravel (75%), with numerous large pebbles; sand
- -			20-23	(15%), coarse; sand (10%), medium; dark gray to
				black, saturated with oil.
17	19	2.0	5-8-	Gravel (65%), with large pebbles; sand (35%). coarse.
	<del></del>		3-7	Poorly sorted, saturated with oil.
19	21	2.0	6-4-	Sand (95%), coarse; gravel (5%), coarse; appears to
-			5-9	be water saturated but sediments are dark gray/
				black giving the appearance of oil staining.
	DEP FROM 0 5 7 9 11 13 13 15 17	DEPIH FROM TO 0 5  5 7  7 9  9 11  11 13  13 15  15 17	DEPTH RECVRY FROM TO  0 5 -  5 7 .5  7 9 .5  9 11 1.0  11 13 1.0  13 15 1.5  15 17 1.0  17 19 2.0	DEPTH         RECVRY         COUNTS           FROM         TO         -         -           5         7         .5         10-7-           6-7         6-7         5-4           9         11         1.0         4-4-           9         11         1.0         7-10-           11         13         1.0         7-10-           12-13         13         1.5         8-31-           21-21         15         17         1.0         10-11-           20-23         20-23           17         19         2.0         5-8-           3-7         19         21         2.0         6-4-

BORING/WELL: 58	PROJECT NO	: NY360S	W01	PAGE:	1
SITE Area 2 LOCATION: General	Electric Co.	DRILLING STARTED:		DRILLI	NG TED: 1/4/88
TOTAL DEPTH DRILLED: 30 ft	HOLE DIAMETER: 8-1/	4 in.	TYPE OF CORING I	SAMPLE/ DEVICE:	Split Spoon
LENGIH & DIAMETER OF CORING DEVICE:		SAMPLING INTERVAL:	contin	uous 5 -	19 ft
LAND-SURFACE ELEVATION:	. {}	SURVEYED ESTIMATE	D DATUM:	Land Sur	face
DRILLING FILID USE	D:	DRIII	LING METH	OD: Hollo	w Stem Auger
DRILLING CONTRACTOR: Soil &	Mat'l. Testing	DRILLER:	Mike	HELF	ER: Kenny
PREPARED BY: R. Eb	y Hamme	R WEIGHT:	140 lb.	HAMMER D	ROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	5	-	<b>-</b>	Gravel, sand, clay (fill), no sample taken.
	5	7	.3	1-4-	Sand (40%), fine; gravel (40%) with some large
				2-4	pebbles; sand (20%), coarse. Poorly sorted fill
					with trace of bentonite slurry material.
	7	9	1.5	9-8-	Sand (90%), fine; gravel (5%); sand (5%), coarse.
	<del>, , , , , , , , , , , , , , , , , , , </del>			9-9	Sand with occasional gravel, tan to gray with iron
					staining, some bentonite trapped from above.
	9	11	1.5	10-10	Sand (75%), fine to medium; silt (15%); clay (10%);
				11-11	upper 0.4' fine, tan, well sorted sand with iron
					staining, grading into medium gray sand, lower
					0.2' tan/brown, silty clay.
	11	13	1.5	7-7-	Sand (100%), fine to medium; fine, tan, sand grading
				9-9	into gray, medium, sand with depth, some iron
					staining, most of sample is wet.
	13	15	1.5	3-4-	Sand (98%), fine; silt (trace); coarse sand (trace).
				5-6	Uniform fine sand, tan near top, (upper .3'),
					grades into well sorted gray sand (saturated with
	<u>-</u>				water).
	15	17	1.5	6-6-	Sand (100%), fine, well sorted, greenish brown, black
				7-9	oil stain (0.3' thick) at 16.0', some oil, oily
				<u> </u>	cdor.
	<del></del>				
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# SAMPLE/CORE LOG (Cont.d)

BORING/WELL) 58 PREPARED BY: R. Eby PAGE: 2

SAMPLE NO	SAMI DEP	PLE IH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	Œ	]		
	17	19	1.5	5-5-	Sand (65%), coarse; gravel (30%); silt (5%); upper
				4-5	0.4' well sorted coarse sand, underlain by 0.1'
					clayey silt layer. Lower 1' of sample (18' - 19')
					poorly sorted gravel and coarse sand, water
					saturated with oily sheen.
			1		
			1		
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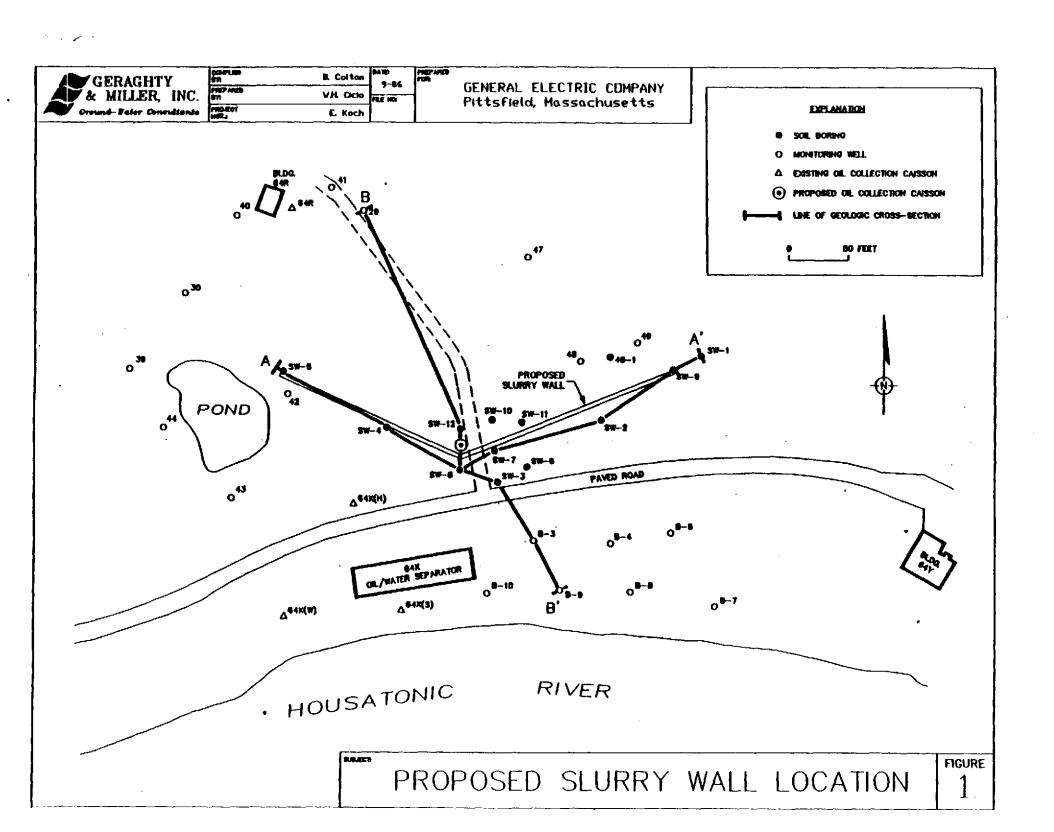
#### GEGLOG ST S LOG

An interpretative compination of the sample, core, driller, and geophysical 005) well ____UU Project AREA 2 ______ Page ____ of ___ Lithologic Unit Depth Date/ Below Land Surface from (ft) Time Lithologic Unit Description to (ft) Moist, brown-tan, silty sand and gravel 0 11 Dry, brown, poorly sorted, gravelly 11 19 sand Wet, brown, fine-grained sand and silt: trace 19 24 of gravel; hand unit; slight oil smell Moist, brown, hard silt with embedded 24 gravel; trace of fine sand 29.5 BOB 15' Screen 14.5' Pipe

#### GEOLOGIST S LOG

<u> </u>	interpretative	combination	of.	the	samble.	core.	drill	er,	anc	geophysical
/ og	5)									

*e∷ _	WW Project AREA 2	Page	of
Date/ Time	Lithologic Unit Description	Lithologic L Below Land from (ft)	Surface
	Moist, brown silt and gravel fill; loose;	0	10
<u> </u>	clean:		
	Moist, brownish-gray well sorted, immature	10	12
	sand:		
	Moist, brown silt with embedded gravel;	12	21
	Medium-dense; very homogeneous- trace of		
	sand-size components slight oil smell??		<del></del>
	Moist, brown, dense silt with guartz	21	23.5
	gravel; Refusal at 23.5'		
	10' screen		
	15' pipe		···
	( 2' stick-up)		
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Boring	<u>ء _ S</u>	W-1	1	Project/No.	N0360ES6			Page	e	_ of1	
Site Location	n <u>Pi</u>	ttsf	ie	ld, MA (A	rea 2)	Drilling Started _	8/7/86	Drilling Comple	eted <u>8/7</u>	/86	
Total De	epth Dril	lled _	20	feet	Hole Diameter _	8 inche	Type of Saus Coring Devi	mole/	Split S		
Length of Conn	and Dia g Device	meter	,	2 ft x	2 in		Samplin	g Interval .	22	f	ee
Land-Su	urface El	<b>ev</b>	77	. <u>5</u> feet	☐ Surveyed	☑ Estimate	d Datum _	MSL			
Drilling I	Fluid Us	ed _		None			Drilling f	Vethod	Auger		
Drilling Contrac	tor	Parr	at	t-Wolff,	Inc.	Dril			•	-	
Prepare By	d 	D.	Co	ton			Hammer Weight_	140	Hammer Drop	30_inct	nes
Sample/Co (feet below k From		) Cor Recor (fee	rery	Time/flydrautic Pressure or Blows per 6 inches		i	Sample/Core Descrip	Čes			
0	2	14	in	5-17-13-	8 Topsoil (0	-0.5 ft)					
2	4	18	in	8-11-7-1	4 Sand, fine	, silty, b	rown; with	fine gr	avel and	d	
					cobble	s and thin	gray silt	seams (	0.5-4 f	t)	
4	6	18	in	8-6-5-5	Sand, fine,	silty, da	rk brown (4	-5 ft)			
					Sand fine,	orange-bro	wn; well so	rted (5	-6 ft)		
6	8	18	in	6-4-5-6	Sand, fine,	silty, gr	ay-brown (d	amp)			
8	10	8	in	6-9-6-6	Sand, fine,	silty, br	own & dark	gr <b>ay</b> ; w	ith fin	e to	
					med i um	gravel					
10	12	10	in	5-5-7-7	Sand, fine,	brown; tr	ace silt				
12	14	14	in	5-7-9-10	do						
14	16	15	in	9-10-12-	12 Sand, fin	e, silty,	brown (wet)				
16	18	20	in	11-11-13	6 do (16	-17.5 ft)					
					Sand, fine	to coarse,	brown and	gray; w	ith find	e	
					to med	ium gravel	, and brown	siit			
18	20	18	in	8-8-10-1	2 Sand, fine	to coarse	, brown; wi	th fine	to coa	rse	
					gravel	and brown	silt				
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-			<del></del> !		<u>:                                      </u>	<del> </del>	<del></del>			<del></del> ;	



Boring	<u>s</u>	W-2	Project/No.	N0360ES6 Page 1 of 2
Site Location	າ	Pittsf	ield, MA	(Area 2) Drilling 8/8/86 Drilling 8/8/86 Completed 8/8/86
Total De	epth Dril	led2	.8 feet	Hole Diameter 8 inches Coring Device Split Spoon  2 înches Sampling Interval 2 feet
				☐ Surveyed ☐ Estimated Datum MSL
Drilling F				Drilling Method Auger
Drilling Contract	ь		-Wolff, I	·
Prepare By	_	D. Col	ton	Hammer 140 Hammer 30 inches
Sample/Co leet below is From	ire Dapth		Time/Hydraulic Pressure or	Sample/Core Description
0	2	18 in	3-4-5-6	Topsoil (0-0.5 ft)
				Sand, fine, silty, dark brown; some fine gravel (0.5-2 f
2	4	20 in	6-8-13-1	2 Sand, fine, orange-brown; with silt
4	6	14 in	5-12-12-	10 Sand, fine, silty, brown; trace gravel (4-5 ft)
				Sand, fine to medium, brown; some silt, trace fine
				gravel (5-6 ft)
6	8	14 in	8-11-11-	8 Sand, fine, silty, brown (6-7 ft)
				Sand, fine to medium, brown; some fine to medium
				gravel and brown silt (7-8 ft)
8	.10	10 in	6-8-7-6	do
10	12	12 in	5-5-3-3	Gravel, fine to coarse; with fine to medium brown
· i				sand, some silt (10-11 ft) - (odor and sheen)
				Sand, fine to medium, gray-brown; little silt (11-12 ft)
				- (odor and sheen)
12	14	14 in	6-6-5-5	Sand, fine to medium, gray; some silt (wet) (free oil)
14	16	14 in	3-3-4-9	do
16	18	16 in	5-6-6-6	do
	<u> </u>	i		
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Boring		5W-2		Page of
Prepared	Ву	D. Co	lton	
Sample/Cor feet below las	e Depth Id surface)	Core	Time/Hydraulic Pressure or	
From	To	Recovery (feet)	Blows per 6 inches	Sample/Core Description
18	20	14 in	3-5-6-6	Silt, sandy, brown (18-19 ft) - (odor and sheen)
				Grave), fine to medium and fine to coarse gray-brown
				sand (19-20 ft) - (odor and sheen)
20	22	18 in	7-7-7-9	Sand, fine to medium, gray; with gravel, some silt
	, [			(odor and sheen)
22	24	46.	10-13-15	10 No Recovery
24	26	16 in	15-13-15	10 Sand, fine to medium, gray; with gravel, some silt
!		 	[ ]	(odor and sheen)
26	28	14 in	3-8-14-1	2 do
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Borina	S	W-3	Project/No.	N0360ES6			Pao	e <u>1</u>	of	1
Site Location			•	rea 2)	Drilling 8/	8/86				
				Hole Diameter						
Length of Coring	and Diai g Device	neter '	2 ft x 2	in	·	Sampling	j interval	2		feet
				•		Datum	MSL			<u> </u>
	Fluid Use	ed	Noi	ne		Drilling M	lethod	Auge	r 	
Drilling Contract	torP	arratt	-Wolff, I	ıc.	Driller	Mike	He	ilperJe	ff	· · · · · · · · · · · · · · · · · · ·
Prepared By		D. C	olton			Hammer Weight	140	Hammer Drop	^r 30	inches
Sample/Co set below is From	ore Depth		Time/Hydraulic Pressure or News per S inches		San	nple/Core Descripti				
0	2	14 in	6-5-5-5	Topsoil (0-0.	.5 ft)					
,				Sand, fine, s	silty, brow	n; trace f	ine gr	avel (0	.5-2	ft)
2	4	8 in	4-3-2-3	do (2-3						
				Sand, fine, o	<del></del>	n; trace s	ilt (3	-4 ft)		
4	6	14 in	3-6-6-10	do (ligh	nt brown)					
6	8	14 in	7-8-8-9	Sand, fine, 1	ight brown	; with gra	y and i	brown		
	İ			sandy si	lt seams					
8	10	18 in	6-6-6-6	Sand, fine, b	orown; some	silt				
10	12	20 în	5-4-3-3	Sand, fine, s	ilty, gray	-brown (we	t)			
12	14	22 in	6-4-5-6	do						
14	16	20 in	3-4-5-10	do						
16	18	20 in	6-5-6-5	do						
18	20	20 in	3-5-6-4	do						
20	22	20 in	10-8-9-7	Sand, fine to	coarse, g	ray-brown;	and f	ine to	med iι	JW.
	:			gravel (	(slight odo	r and shee	n)			
22	24	20 in	10-11-12-	10 Sand, fine	to medium	, with fin	e gravi	el and	cobb1	les
24	26	18 în	13-15-11-	10 do	·					
26	28	18	15-13-10-	11 do						
	•									
}	· · · · · · · · ·	<del></del>				<u> </u>				



Boring .	SW-4 Pr	oject/No	N0360ES4	Page of2
Site Location		d, MA (Ar	ea 2)	Drilling 8/11/86 Drilling 8/11/86 Started 8/11/86
Total Depth Hole Diamete	•			of Sample/ Split Spoon
Length and lof Coring De	Diameter	2 ft x 2 i	•	Sampling Interval2 feet
Drilling Fluid	Used	None		Drilling Method Auger
Drilling Contractor _	Parratt-	Wolff, Inc		DrillerWayne HelperKarl
Prepared By	N. Child	<u>s</u>		Hammer 140 Hammer 30 inches
	Core Depth land surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6	
From	To	(feet)	inches	Semple/Core Description
0	2	9 in	5-7-7-4	Topsoil (2 in)
				Brick and cinder
2	4	18 în	2-5-7-6	Silt and sand, fine; with cinder and
				pebbles
4	6	12 in	6-11-10-1	4 Silt and sand, fine, brown and tan; with
				fine pebbles
6	8	9 in	8-8-8-13	Silt and sand, fine, tan; with pebbles
				and cinder
3	10	8. in	5-1-2-4	Silt and sand, fine, tan; with pebbles
				Sand and cinder; with wood chips
				(9.5-10 ft) - (black staining and free oil
10	12	9 in	4-3-7-5	Sand and cinder (6 in) - (black staining
				and free oil)
				Sand and silt, fine, tan (black staining
				and free oil)
12	14	18 in	4-5-6-7	Sand and silt, fine, tan (green-black
				staining and free oil)



Boring	_SW:	-4		Page of
Prepare	d Ву <u>N.</u>	Child	5	
Sample/Co (lect below ): From		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
14	16	12 in	6-7-6-4	Sand and silt, fine, tan (6 in)-(green-black staining
;				and free oil)
;				Sand and fine gravel (black staining and free oil)
16	18	18 in	4-5-6-7	Sand and fine grave! (green-black staining and free oil)
18	20	Į		Sand and fine gravel (black staining and free oil)
20	22_			Sand, coarse, tan; some fine gravel (black staining
	:		_	and free oil)
22	24	24 in	6-7-9-14	Sand, coarse, tan (black staining and free oil)
				Sand, fine (1 in)
24	26	24 in	9-11-9-12	Sand, coarse, tan (24-25 ft)-(black staining and free
				oil)
	ļ			Sand, fine to medium; some coarse sand (25-26)-
	) : 			(black staining and free oil)
26	28	18 in	8-11-14-1	6 Sand, medium to coarse; with fine gravel and fine
·				silty sand (black staining and free oil)
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Boring	SW-5	Project/No. N	0360ES4	Page _ 1 _ of _ 2
				Drilling 8/11/86 Drilling 8/11/86 Completed
	Drilled	0	Type o	of Sample/ Device
	Diameter	2 ft x 2 in		Sampling Interval2 feet
Drilling Fluid	d Used	None		Drilling Method Auger
Drilling				Driller Wayne Helper Karl
	N. Childs			Hammer 140 Drop 30 inches
(feet belo	n/Core Depth w land surface) To	Recovery	Time/Hydraulic Pressure or Blows or 8	Samuela (Comp Description
From		(feet)	inches	Sample/Core Description
0	2	12 in	1-2-8-11	Topsoil (4 in)  Sand, cinder, and gravel, black and
				copper
2	4	12 in	6-8-11-14	Sand and cinder, with slag (4 in)
				Sand and silt, fine, orange-tan; with
				gravel
. 4	6	5 in	3-3-5-9	Sand and silt, fine, brown and tan;
				with gravel
66	8	12 in	5-6-10-9	Sand and silt, fine, brown and tan; with
! 				gravel (4 in)
				Sand and silt, fine, greenish-gray; with
				gravel
8	10	12 in	7-7-7-10	Sand and silt, fine, greenish-gray; and
				brown; with gravel
10	12	12 in	6-10-11-14	Silt and sand, fine, brown; some gravel
				(odor)
12	14	١	8-5-7-8	No recovery



Boring	<u> 5W-5</u>		•

Page _ 2 _ of _ 2 ___ Prepared By N. Childs

Sample/Con leet below lan	Depth d surface)	C	ore Overy	Time/Hydraulic Pressure or Bigws per 6	
From	To		et)	inches	Sample/Core Description
14	16	12	in	5-7-8-16	Silt and sand, fine, brown (black staining and odor)
16	18	16	in	8-10-17-1	3 Sand and silt, fine, tan (black staining) (8 in)
					Sand, fine (gray staining)
18	20	16	in	9-11-12-1	2 Sand, fine, brown (gray staining (8 in)
					Sand, medium, and gravel; trace of silt (brown and
		•			black staining and odor)
20	22	16	in		Sand, medium to coarse, brown; some gravel and trace
					of silt
22	24	16	in		do
24	26	12	in		Sand, medium to coarse, brown; some brown silt and
:					gravel (gray staining)
26	28	16	in	,	Gravel, fine, brown; with silty sand (gray-black
		,	- <u>-</u>		staining)
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Boring .	SW-6 Pro	oject/No. N	0360ES4	Page1 of2_
Site	ittsfield.	MA (Area	2)	Drilling Drilling Started 8/12/86 Completed 8/12/86
				Completed
Total Depth I	Drilled	28 (		of Sample/
Hole Diamete	er8	(i	inches) Coring	Device Split Spoon
Length and [	Diameter vice2_f	it v 2 inc	has	Complian Interval 2 food
or Coring Dev	VICE	C X Z INC		Sampling Interval2 feet
_	Used Nor	<u> </u>		Drilling Method Auger
Drilling Contractor _	Parratt-Wo	olffInc.		DrillerWayneHelperKar1
Prepared	u etti.			Hammer Hammer Weight 140 Drop 30 inches
Ву	N. Childs	and b. Di	un	
	Core Depth		Time/Hydraulic	
•	land surface)	Core Recovery	Pressure or Blows per 6	<b>A</b>
From	To	(feet)	inches	Sample/Core Description
0	2	8 in	2-5-4-3	Topsoil (4 in)
				Sand. fine. orange-tan
<del></del>				Salid, Title, Orange Lan
2	4	12 in	4-5-7-7	Sand, fine to medium, tan-orange: some
				coarse sand
4	6	18 in	3-4-7-9	Sand, medium, light tan
6		16 in	7-7-8-9	Sand, medium, light tan (7 in)
<u> </u>				Sand and silt, fine, tan and orange
8	10	9 in	4-5-6-6	Silt, tan and orange; with fine sand
10	12	12 in	5-5-9-14	Sand and silt, fine, tan (4 in)
				Sand and fine gravel, white-tan
12	14	12 in	9-10-14-11	Sand, medium to coarse, and fine gravel.
<del></del>				white-tan (wet at 13.5 ft)
				Willie-ran (wer at 1).) (t)
14	16	12 in	10-9-8-7	Sand, coarse, and fine gravel, gray;
				trace of silt (odor)
16	18	24 in	6-9-10-10	do
	10	47 111		
18	20	0	4-7-8-8	No recovery
	)	1	]	



Prepared By N. Childs	
•	
Sample/Core Depth Time/Hydraulic (feet below land surface) Core Recuvery Blows per 6 From To (feet) inches	
Recuvery Blows per 6 From To (feet) inches	Sample/Core Description
20 22 24 in 3-3-5-9 Sand,	coarse, gray; with gravel and trace of silt
22 24 24 in 5-9-10-14	do
24 26 0 7-10-9-8 No red	overy
26 28 24 in 8-9-14-16 Sand,	coarse, gray; with gravel and trace of silt
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Boring	SW-7 Pro	oject/No.	10360E54		Page	e1 of2
Site Location			ea 2)	Drilling 8/12 Started	_	8/12/86
Total Depth	Drilled32	²(	feet)	of Complet		
Hole Diamet	Diameter	3 (		of Sample/ g Device		
of Coring De	vice	2 ft x 2 i	nches			feet
Drilling Fluid	iUsed	None				
	Pari					lperKarî
Prepared By	N. Childs	s and B. E	3 i um		Hammer 140 Weight	Hammer 30 inches
	/Core Depth v land surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6			
From	To	(feet)	inches	<del>, :</del>	Sample/Core Descript	ion
0	2	12 in	2-4-9-10	Sand, medium	, brown; with	silt and organi
ļ		ļ	ļ	debris (4 in	)	
	<u> </u>			Brick (4 in)	· · · · · · · · · · · · · · · · · · ·	
				Sand, medium	, brown; with	gravel and
				pebbles		· · · · · · · · · · · · · · · · · · ·
2	4	12 in	4-5-7-7	Fill; silt a	nd pebble siz	e material
		•		Sand, fine,	brown (3 in)	
4	6	1.4 in	2-2-3-3	Sand, medium	to coarse, b	Fown
6	8	16 în	3-3-5-6	Sand, medium	to coarse, b	rown
				Sand and sil	t (3 in)	
8	10	14 in	8-5-4-14	Sand, medium	to coarse, 1	ight brown;
				with fine sa	nd and silt	
10	12	12 in	6-6-7-7	Sand, fine,	brown; with m	edium sand and
				gravel (mois	t)	
12	14	12 in	10-10-10-	0 Sand, medium	to coarse; s	ome gravel and
				pebbles (hit	water and fr	ee oil at
				13.5 ft)		



Borina.	SW-7 _

Page	2	of	2	

Prepared By N. Childs and B. Blum

Sample/Core (feet below land From		) Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
14	16	16 in	6-9-20-8	do (odor)
16		: <del>-</del>	5-7-9-8	Sand, coarse, and gravel, gray
18	20	18 in	6-7-9-9	do
20	22	18 in	5-5-6-6	do
	24	24 in	7-8-11-16	Sand, medium to coarse and gravel (22-23.5 ft)
· · · · · · · · · · · · · · · · · · ·		-		Sand, fine to medium; with pebbles (23.5-24 ft)
24	26	18 in	8-10-13-14	Sand, fine to medium, tan; with silt and pebbles
26	28_	24 in	8-11-14-16	Sand, fine to medium; with gravel (26-27.5 ft)
				Sand, medium to coarse (27.5-28 ft) (free oil)
28	30	24 in	9-14-20-32	Sand, medium to coarse (28-29 ft)
				Sand, medium to coarse; with alternating layers of
	· · · · · ·			tan silt and fine sand (29-30 ft) (reddish brown
	· · ·			staining and free oil present in medium to coarse
<del></del>	· · · · · · · · ·			sand)
30	32	24 in	3-4-10-17	Sand, medium to coarse (30-31.5 ft)-(free oil)
				Sand and silt, fine; tan (31.5-32 ft)
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Boring	SW-8	Project/No	10360ES4	Page 1 of 2
				Drilling 8/12/86 Drilling 8/12/86 Started 8/12/86
Total Depth	Orilled	28 (	reet)	
Hole Diame	ter	8(i	ype o inches) Coring	of Sample/ DeviceSplit Spoon
Length and of Coring De		2 ft x 2 ir		Sampling Interval2 feet
Drilling Fluid	d Used	None	<u> </u>	Drilling Method Auger
Drilling Contractor	. Рагга	tt-Wolff, in		Driller Wayne Helper Kar l
				Hammer Hammer 30 inches
Sample (feet below	/Core Depth v land surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6	
From	То	(feet)	inches	Sample/Core Description
0	2	8 in	2-3-7-9	Topsoil (6 in)
				Silt, brown; with pebbles
2	4	0	5-5-3-8	No recovery
4	6	6 in	5-5-3-7	Silt and sand, fine; with pebbles
66	8	<u> </u>	4-3-7-7	No recovery
8	10	20 in	5-6-13-13	Silt and clay, tan and orange (18 in)
			<del>                                     </del>	Sand, medium, light tan and orange
10	. 12	14 in	3-7-10-10	Silt, brown (3 in)
				Sand, fine to medium, and silt, tan (7 in
<u>.                                    </u>				Gravel, fine, and coarse sand, orange-tan
		-		(4 in)
12	14	9 in	9-10-7-12	Silt and sand, fine, dark brown to tan
	<u> </u>			(4 in)
				Gravel and coarse sand, tan and orange
<b>-</b>	\ 		-	(odor)
14	16	18 in	7-10-10-8	Sand, coarse; with gravel and trace of
			1	silt (green-gray staining, free oil, odor



Boring		<u>sw-8</u>	<u></u>		Page2 of2
Prepared	ву	N. C	hi	lds	<del></del>
Sample/Confect below la	re Depth	) Cor	*	Time/Hydraulic Pressure or	
From	To	Recov (fee	rery d)	Blows per 6 inches	Sample/Core Description
16	18	24 i	n	10-10-13-	14 Gravel and coarse sand; trace of silt (gray-black
					staining, free oil, and odor)
18	20	8 i	n	8-9-9-7	do
20	22_	16 i	'n	5-6-9-9	do
22	24	24 i	n_	5-8-12 <b>-</b> 12	do
24	26	24 i	n	9-10-9-6	do
26	28	24	n.	3-7-8-15	Gravel and coarse sand; some fine to medium sand and
					trace of silt (gray-black staining, free oil, and
·		<u> </u>			odor
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Boring	SW-9Pn	oject/No	N0360ES4		·	Page1	of2
Site				Drilling 8/	13/86 Dri	lling mpleted 8/	13/86
Total Depth	Drilled2	8 (1		of Sample/			
Hole Diame	ter	<u>8</u> (i	inches) Coring	Device Sp	lit Spoon		
Length and of Coring De	Diameter evice2	ft x 2 ii				rval2	feet
Drilling Fluid	d UsedNo	ne			Drilling Metho	d Auger	
Drilling							
Prenared				Driller	Hammer	Hamme	HT
Ву	N. Child	5			_Weight140	Drop	30 inches
	/Core Depth w land surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches		Sample/Core De	acriztion	
1.0		(					
0	2	12 in	1-5-10-45	Topsoil (4	in)		
				Silt, sand,	and pebble	<u> </u>	
2	Ĭ4	6 in	24-15-10-1	D Silt, sand,	and pebble	S	
4	6	12 in	5-6-7-13	Sand and si	lt, fine, o	range-tan;	with
				pebbles			
6	8	16 in	10-12-14-1	Gravel, peb	bles, and co	parse sand	, orang <b>e</b> -
				tan; with t	an fine sand	d and silt	
8	10	20 in	5-5-7-7	Silt, sand.	and fine o	ravel, bro	wn-orange:
			<u>,                                     </u>	with pebble	s (12 in)		
					e. light ta	n with bla	ck and
		1		orange band	<u> </u>		
	·			do (	(10 in)		
10	12	12 in	2-4-4-4	Sand, rine,	orange-tan		
12	14	18 in	4-5-6-7	Sand. fine.	orange-tan	: with med	ium to
				coarse brow	n sand, peb	oles, and	silt
14	16	18 in	4-4-6-6	Sand, fine,	alternatin	with lay	ers of
				silt, orang	e and tan:	some mica	
16	18	24 in	4-5-5-8	do			



S	W-9	•	Page _ 2 of 2
By N	. Chil	ds	
Death		Time/Hydraulic	
To	Recovery (feet)	Blows per 6 inches	Sample/Core Description
20	24 :-	J-5-7-12	Sand, fine, alternating with silt layers, orange and
20	24 111	7-2-7-12	,
			tan; some medium to coarse sand and mica
22	24 in	4-5-6-7	Sand, fine to medium, brown
24	24 in		do (6 in)
			Sand, medium to coarse, gray-brown, alternating with
			layers of gray-brown silty clay
26	24 in		Sand, medium to coarse, gray brown, alternating with
			layers of silt and fine sand; some gravel (19 in)
			Silty clay, gray-tam
28	24 in		Silt, gray; with gravel and clay (18 in)
			Sand, tan and orange
			Sano, Carrand Orange
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	By No Depth of surface To 20 24 26	Depth d surface) Cors Recovery (feet)  20 24 in  22 24 in  24 24 in	By N. Childs  Depth Time/Hydrausic Pressure or Recovery Blows per 6



Boring	_ <u>S\</u>	<u>/-10</u>	Project/No.	N0360ES	b		Page	·o	f <u>\</u>
Site Location	Are	a 2 -	Pittsfiel	d, MA	Drilling 8/	18/86	Drilling Comple	ted 8/18/	<b>′8</b> 6
				Hole Diameter _	8 inches	Type of Sam Coring Devic	es	plit Spoo	on
Length of Coring	and Diar g Device	meter 	2' x 2"			Sampling	interval _	2	feet
			feet	•	Estimated			<del></del>	
Drilling f	Fluid Use	ed	None			Drilling Me	ethod	Auger ————	
			t-Wolff	=	Driller			•	
Prepare By	d 	N. Ch	ilds			Hammer Weight	140	Drop	) inches
Sample/Co (feet below is	end surface	Recovery	Time/Hydraulic Pressure or Slows per 6		•	onto Marco Societati	_		
From	To	(feet)	uches .			ple/Core Description			
0	10	-	-	Augered to	10 feet				
10	12	18 in	7/5/4/5	Sand. medi	um to coarse.	tan: some	grave	1	,
12	14	14 in	7/5/6/7	do (odo	r)	<del></del>			
14	16	14 in	3/5/5/7	Sand, coars	se and fine o	gravel, bro	wn, gr	ay; few	
				cobbles	(odor and fr	ee oil)			···
16	18	18 in	5/6/6/5	do	·				
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Boring	_S\	1-11	_ Project/No.	N0360ES6			Page _	1	of	_1
Site Location	n <u>Ar</u>	ea 2	- Pittsfi	eld, MA	Drilling Started _8/					
Total De	epth Dril	led	8 feet	Hole Diameter _	8 inches	Type of Samp Coring Device	Sp1	it Spc	on	
Length of Corin	and Diag g Device	meter	2 x 2"			Sampling	interval	2		_ feet
				☐ Surveyed	Estimated	Datum	1SL			
Drilling i	Fluid Us	ed	None	<del></del>		Drilling Me	rthod Aug	er		
Drilling				Inc.	Driller	Neil	Helpe	r <u>Scc</u>	tt	
Prepare By	d N.	Child	is			Hammer Weight	140 Ha	op	30 in	ıches
	ne Denth		Time/Hydrauli Pressure or ry Blows per 6	•		npie/Core Description				
0	10	-	-	Augered to	10 feet					
10	12	18	n 3/4/4/3	Sand, coars	se and gravel	, brown and	d gray;	trace	silt	
12	14	18	n 3/3/5/6	do (odo:	r)					
14	16	18	n 3/4/7/8	Sand, coar	se and gravel	, brown and	d gray;	(odor	and	
	 			free oi	1)					
16	18	24	n 4/5/5/7	do						
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Boring		J-12	Project/No.	N0360ES6		Page1of	1
						B/18/86 Drilling Completed 8/18/86	
	سمنا ام					Type of Sample/ Coring Device Split Spoon	
of Coring I	Device					Sampling Interval 2	leet
				☐ Surveyed		· · · · · · · · · · · · · · · · · · ·	
-	iid Use	d	None			Drilling Method Auger	
Drilling Contractor	- <u> </u>	Parrat	t-Wolff,	Inc.	Driller	r <u>Neil</u> Helper <u>Scott</u>	
						Hammer Hammer 30 inc	hes
Sample/Core est below (and From	Depth		Time/Hydrautic Pressure or	,		mple/Core Description	
0	10	-	_	Augered to	10 feet		
10	12	18 in	8/9/9/10	Sand, fine,	silty, gra	ay (10-10.5)	
	-			Sand, mediu	m to coarse	e, gray: some silt, trace grave	1
12	14	18 in	8/5/5/4	Sand, mediu	m to coarse	e, brown and gray; trace silt	
	_			and grav	el (odor)		<u>.</u>
14	16	18 in	5/4/4/4	Sand, coars	e, gray; so	ome gravel and cobbles (odor	
	_			and free	oil)		
16	18	24 in	4/3/3/4	Sand, coars	e and grave	el, brown and gray (odor and	
				free oil	)		
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			SAN	MPLE/CORE L	.OG			
3oring	48-1	Project/No	N0360ES	4		Page	1 of	2
Site Location		field, MA		Drilling Started_	8/8/86	Drilling Completed		
Total Depth	Drilled	18		<b>-</b>				
Hole Diamete	8r	8	(inches)	Type of Sample/ Coring Device	Split	Spoon		
Length and I of Coring De	Diameter				Samplin	g Interval	2	feet
Drilling Fluid	Used	None	_		Drilling (	Method	Auger	
Deilling		arratt-Wolf	ff, Inc.	Dril	_	Helpe	r <u>Karl</u>	
Prepared By	N. C	hilds			Hamme Weight_	140 H	ammer rop 30	inches
	Core Depth land surface	) Core Recovery	Time/Hy Press Blows	JTO OT				
From	То	(feet)	inci	106	Sample/C	ore Description		
0	2	9 în	1-3-7	-5 Topsoil	(4 în)			
				Fill:	silt, sand	and grave	1	
2	4	8 in	2-2-5	-4	do			

From	То	(feet)	inches	Semple/Core Description					
0	2	9 in	1-3-7-5	Topsoil (4 in)					
				Fill: silt, sand and gravel					
2	4	. 8 in	2-2-5-4	do					
4	6	11 in	3-4-5-12	Silt and fine sand, brown, orange-brown					
				and black; with mica					
6	3	12 in	6-6-5-6	Sand, fine to medium, orange tan and					
				black, with mica					
8	10	12 in	5-7-15-11	do (8-8.5 ft)					
	·			Sand, medium to coarse and gravel					
		,		(8.5-10ft)					
10	12 :	12_in	6-6-6-6	Sand, medium to coarse and fine gravel,					
	: 			tan and black; with mica					
12	14	18 in	3-4-5-5	Sand, medium to coarse, tan and orange;					
				with fine sand, silt, pebbles and mica					
14	16	10 in	3-4-6-8	Sand, coarse; with trace of silt					
				(greenish staining and free oil at 15 ft)					



Boring		<u>48-1</u> .		Pageof
Prepared	в Ву	N. Chi	lds	<del></del>
Sample/Co			Time/Hydrautic	
From	To	Recovery (feet)	Pressure or Blows per 6 inches	Sample/Core Description
16	18	24 in	5-6-6-9	do (16-17 ft)
;	!			Sand, fine to medium, tan-brown; with mica
	:			(free oil) (17-18 ft)
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			SAM LL	JOONL LOC	4				
Well	<u>49</u> Pro	oject/No. <u>N</u>	0360ES4		<u> </u>	•	1		
Site Location Pi	ttsfield, I	HA (Ar	ea 2)	Drilling 8	/8/86	Drilling _ Complete	d8/	3/86	
Total Depth (	Orilled 26	(fe							٠
Hole Diamete		(ir	Type ( nches) Coring	of Sample/ g Device	Split S	Spoon			
Length and C of Coring Dev		ft x 2 in	ches	<u> </u>	Sampling	Interval	2		feet
Drilling Fluid	Used No	ne			Drilling M	lethod	Auge	<u>-</u>	
Drilling Contractor P	arratt-Wol	ff, Inc.		Driller _	Wayne	Helpe	r Kar	<u> </u>	
Prepared N	. Childs				Hammer Weight	140 H	ammer rop	30	inches
Sample/0	tore Depth land surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6						
From	To	(feet)	inches		Sample/Cor	• Description		<del>.</del>	<del></del> -
0	2	12 in	2-13-8-5	Topsoil (5	in)				
				Fill; silt,	sand and	gravel			
2	4	10 in	2-3-4-3	<u>Fill; silt,</u>	sand and	d fine gr	avel,	orar	nge
				brown	·			-	
4	6	10 in	4-6-3-3	Fill; silt,	sand, fi	ine grave	el and	cina	der
6	8	16 in	4-6-10-12	do	(2 in)				
				Sand, fine	to mediur	n, orange	e-tan;	wi ti	h
	-		·	mica		· -			•
8	10	24 in	5-7-9-6	_do			-		
10	12	0	4-5-6-6	No recovery					
12	14	12 in	6-9-10-8	Sand, mediu	ım to coa	rse; some	e fine	ora	vel
				and silt (7					
				Sand, mediu		range. w	ith ba	nds (	of
				mica					
14	16	16 in	3-6-6-9	Sand, fine	to mediu	m. oravi	sh-tan	and	
				orange: som				5170	

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Ground-Water Consultants
Ground-Water Consultants

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Prepare	d By	N.	تها	lds	
Sample/Co (leat below is			HE HENY	Time/Hydraulic Pressure or Blows per 6	
Frank	Tø		40	inches	Sample/Cory Description
16	. 18	24	in	5-4-5-9	Sand, fine to medium, brown to gray-brown and orange
18	20	24	in	4-4-8-12	do (20 in)
•					Sand, medium to coarse, gray-brown; some fine gravel
20	22	24	in	4-4-5-9	Sand, medium to coarse; with fine sand, gravel, and
					mica (17 in)
:		<u> </u>			Silt, tan; with gray-brown coarse sand, gravel, and
	<del></del>				mica
22	24	24	in	5-4-10-13	Sand, coarse and fine gravel, gray-brown; seam of gray
1					silt
24	26	18	in	3-6-7-4	Sand, coarse, and fine gravel; with some silt (16 in)
<del>-</del>					Silty clay, grayish brown-tan; with mica (2 in)
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SOIL BORING LOCATIONS B-SERIES AND SB-SERIES RIVER HOUS ATONIC



Boring)	Well	B-1	Project/No.	GE/N0360ES7 Page 1 of 2
Site Location		Pittsfi	eld, MA	Dritting 11/5/86 Dritting 11/5/86
Total De	epth Dril	led16	j feet	Hole Diameter 2 inches Coring Device Split Spoon
of Corin	g Device	)	2" x 2	Sampling Interval 2 feet
				□ Surveyed □ Estimated Datum
	Fluid Us	ed		Drilling Method Auger
		CATOH		Driller Art Helper Art, Jr.
Prepare By	d [	. Scha	ntz	Hammer 140 Hammer 36 inches
Sample/Co (feet below in From	ore Depth and surface To	c) Core Recovery (lest)	Yima/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
0	2	0.8	8-7-3-4	Sand, fine, light brown, some silt and gravel
2	4	1.0	9-5-5-5	Sand, light brown/orange, fine, some silt; gravel
				and fragments
4	6	2.0	4-6-6-4	Same; (4-4.5) slate-gray sand, fine, with silt
				(4.5-5). Some banding of black sand at 5.5-6.0'
6	8	1.8	4-5-7-7	Same (6-6.5) light brown/orange sand and silt
				(6.5-7) dark gray sand (60%) and silt(40%) with
				banding of black sand. Some gravel. Dry until 8.0'
8	10	0	5-5-3-4	·
10	12		3-3-4-4	Light brown sand (75%) and silt (25%); change 10.5
				to more silt (30%); change 11.0 to sand (80%) silt
				(20%), very wet
12	14	2	6-5-3-6	Same; change at 13.0 to slate-gray clay (50%) change
				at 13.8 to very coarse sand, gray and gravel. Very
				wet.
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Boring/	<b>y</b> veii	-1				,				Page	2	_ of _	2
Prepared By D.  Sample/Core Depth (leet below land surface)  From To			Tims/Hydraulic Pressure or	Sample/Core Descri					escription				
14	16	(1501)	6-6-8-10	light	sand.	fine	(90%);			change	at	15.0	to
14	10		0-0-0-10						(10%)	Change		10.0	
				very (	oarse	Sanu	and gr	avei	·				
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Boring	Well B-	2	Project/No.	N0360ES7			Page	of	1
Site	, Pit	tsfiel	d, MA		Drilling 1:		Drilling Completed_		
Total Da	mate Dail	lad 6	fort	Liela Diameter	2 inches	Type of Samp	•		
			2" x 2'		incres	•			
Land-Su	rface Ek	ev	feet	☐ Surveyed	☐ Estimated	Datum		. <u> </u>	
Drilling F	Fluid Use	ed				Drilling Me	thodN	/A	
Drilling Contract	tor	CATO	н		Driller		Helper _		Jr.
		Schan					40 Harn Drop		
Sample/Co (lest below la From		Core Recovery (test)	Time/Hydraulic Pressure or Blows per 6 inches		Sam	nple/Core Description			
0	2	1.5	14-12-	Sand, medi	um, light bro	own; some r	ock fragm	ents, d	ry
			11-12	with lit	tle silt				
2	4	2.0	9-13-11-	Sand, medi	um, light br	own, silty,	moist		
			6						
4	6		9-6-6-6	Sand, medi	um, light br	own, silty,	moist (4	-5' <u>)</u>	
				sand, da	irk brown wit	h peat, moi	st (5-6')		
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_	Boring	Well B	-3	Project/No.	GE/N0360ES7		•	Расн	<b>a</b> 1	of	1
	Total De	opth Drill	ed6	feet	Hole Diameter _	2 inches	Type of Same Coring Device	ole/	Split	Spoon	
	Length and Diameter of Coring Device2" x 21						Sampling	interval .	2		feet
	Land-Su	ırface Ek	ev	feet	☐ Surveyed	☐ Estimated	Datum			·· <del>-</del>	
	Drilling				<del></del>		_				
									-		
(		re Deoth		Time/Hydraulic Pressure or			Weight ple/Cere Description		. Drop	<u> </u>	nches
	0	2	1.5	14-14-15	- Sand, mediu	m. brown and	gravel fra	agment	s.some	stain	ina
				16							
	2	4	0.5	8-12-6-6	Sand, mediu	m, dark brow	n, silty, r	m <u>oist,</u>	some q	<u>ravel</u>	bits
	4	6	1.5	4-4-6=5	Sand, mediu	m, dark brow	n, with gra	avel			
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(Boring)	Well	<u>3-4.</u> [	Project/No.	
Site Location	·	GE/Pitt	sfield, I	MA Drilling Drilling Completed 11/5/86
				Hole Diameter 2 inches Type of Sample/ Coring Device Split Spoon
Length of Conn	and Diar g Device	neter	2" x 3	2   Sampling Interval 2   fee
				☐ Surveyed ☐ Estimated Datum
Drilling !	Fluid Use	ed	•	Drilling Method Auger
Drilling Contract	tor	CATOR	<del> </del>	Driller Art Helper Art, Jr.
		Schar		Hammer 140 Hammer 36 inche
Sample/Co set below it From		Core Recovery (test)	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
0	2	1.0	14-19-	Sand, light brown, medium, with gravel, dry (0-0.5)
:			18-10	Sand, dark brown, medium with gravel, dry (0.5-1)
!	[ [			Same, black staining, dry (0.5-1.0)
2	4	1.0	15-11-6	Sand, dark brown, medium (1.0-1.5)
	ļ Ļ		6	Sand, light brown, medium, with gravel and wood
				fragments (1.5-2)
4	6_	1.0	25-32-	Wood
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Boring	VellE	3-5	Project/No.	GE/N0360ES7 Page 1 of 1
Site Location	Pi	ittsfie	ld, MA	Drilling 11/5/86 Drilling 11/5/86
Total De	pth Dri	lled 8	feet	Hole Diameter 2 inches Coring Device Split Spoon  Sampling Interval 2 feet
Land-Su	rtace E	lev	feet	Surveyed
Drilling Fluid Used Drilling CATOH				Driller Art Helper Art, Jr.
Prepared By		_		Hammer 140 Hammer 36 inches
Sample/Con net below la From	re Depth		Time/Hydraulic Pressure er Blows per 6 Inches	Sample/Core Description
0	2	1.5	2-6-10-	Top soil, medium brown (0-0.5)
			6	Sand, medium,brown (0.5-1.5) with some gravel
2	4	0.5	5-5-20-	Sand, dark brown (2-2.4), medium, concrete and cement
	· 		31	fragments (2.3-2.5) odor of oil but no staining
4	6	0.8	4-5-4-5	Cement and fragments (4-4.2) wood (4.2-4.5)
6	8	0.3	5-10-5-	Cement (6.0-6.1), wood (6.1-6.2) silt and debris
			10	(6.2-6.3)
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(Boring)	Well B-	6 1	Project/No.	GE/N0360ES7 Page 1 of 1			
				Drilling Drilling Completed 11/5/86			
Total De	epth Drill	led10	feet	Hole Diameter 2 inches Coring Device Split Spoon			
Length a of Coring	and Diar g Device	meter 	2" x 2	Sampling Interval 2 feet			
Land-Su	ırtace Ek	ev <del>-</del> _	feet	☐ Surveyed ☐ Estimated Datum			
	Fluid Use	∍d	-	Drilling Method			
Drilling Contract	tor	CATOH		Driller Art Helper Art, Jr.			
Prepared By	d _{. D.}	Schan	tz	Hammer 140 Hammer 36 inches			
Sample/Co (feet below la From	re Depth		Time/Hydraulic Pressure or	Sample/Core Description			
0	2	1.5	2-4-49-	Top soil and grass (0-0.3)			
			25				
				Sand, medium, brown, with gravel, dry, silty (0.3-1.3)			
		-		Cement and fragments (1.3-1.5)			
2	4	1.0	16-25-	Cement and fragments (2.0-2.1); silt, medium brown;			
			11-6	some sand (2.1-2.8); cement (2.8-3)			
4	6	0.5	5-6-6-4	Cement (4.0-4.4), wood (4.4-4.5)			
6	8	0.5	6-2-4-2	Black silt and wood fragments, odor			
8	10	2.0	2-2-6-4	Sand, fine, medium brown (8-8.5)			
Sand, fine, medium gray							
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Boring/V	VellB	<u>-7</u>	Project/No.	N0360ES7			Page	11	of _	1
Total De	pth Drill	led <u>10</u>	feet	Hole Diameter _	2 inches	Type of Sarr Coring Device	nple/ ses	plit S	poon	
Length a of Coring	and Diar Device	neter	2" x 2'			Sampling	Interval .	2		feet
Land-Su	rtace Ele	Bv	feet	☐ Surveyed	-□ Estimated	Datum				
Drilling F	luid Use	ed	<del>-</del>		· .	Drilling M	ethod			
Drilling CATOU										
Prepared By	<u> </u>	D. Sch	antz			Hammer Weight	140	Hamme Drop_	<b>y</b> 36	inches
Sample/Co (lest below ia From	re Depth		Time/Hydraulic Pressure or		,	spie/Care Descripti				
0	2	2.0	2-5-6	Top soil (s	silty sand) (	0-0.5)				
			40		dium, dark br					
2	4	0	40-38	No recovery	v (pushed roc	k_down)				
			25-23							
4	6		5-5-3-4	Sand, fine	. dark brown.	silty, w	ith gra	vel (4	1-5)_	
6	8	1.0	13-11	Sand, dark	brown, silty	, odor (6.	-7)			
			5-12	Wood, day	rk brown, oil	<u>v. (7-8)</u>				
8	_10	0.5	5-4-4-6	Wood, dark	brown, oily	odor (8-8	.2)	<del></del>		
•				Silty sar	nd (8.2-8.5)					
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	Boring)We	aı <u>B−8</u>	31	Project/No.	GE/N0360	)ES7			Pao	e <u>1</u>	of _	1
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	Total Dept	th Drille	ed <u>8</u>	feet	Hole Diamete							
	of Coring D	Device		2" x 2"			-	Sampling	Interval	2		feet
					☐ Surveyed		Estimated				<del></del>	
	=					ethod						
	Drilling Contractor CATOH			D			Oriller Art Helper Art,					
	Prepared D. Schantz					<u>,                                      </u>	<del></del>	Hammer Weight	140	Hammer 36 Dropinches		
(1	Sample/Core set below land From	surface)	Core Recevery (feet)	Time/Hydraulic Pressure or Blows per 6 inches			San	npie/Core Descriptie	<b>.</b>			
	0 2	2	1.8	4-4-5-6	Top sail	(0-0	.2) Sand,	fine, ligh	it brov	vn,wit	h some	
					gravel	(0.2	-1.8)					
	2 4	ļ	0.3	4-2-3-3	Same		-	_	•	·		
	4 6	5	1.5	2-3-4-9	Same (4-4	1.7);	sand and	silt,moist	(4.7-	-5.5)		
	6 8	3	1.5	3-2-2-2	Same (6-7	7); s	and, c	oarse, gray	, mois	st (7-	7.5)	
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Boring	WellB	-9	Project/No.	GE/N0360ES7 Page 1 of 1
Site	Pi		ld, MA	Drilling 11/5/86 Drilling 11/5/86 Started Completed
	epth Drill and Dian		8 feet 2" x 2'	Hole Diameter inches Coring Device
	_			Sampling Intervalfeet
			feet	,
Drilling CATOH				Drilling Method
	ed D.	Schan	tz	Hammer 140 Hammer 36 Weight Drop inches
Sample/C feet below From	ore Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per & inches	Sample/Core Description
0	2	2.0	4-14-12-	Top soil (0-0.5);
		-	14	Sand, medium, light brown, some gravel, dry (0.5-2)
2	4	2.0	14-17-	Sand, medium, light brown, silty, moist
			10-9	
4	6	2.0	12-6-6-7	Same (4-5);
				Wood (5-5.2)
	ļ			Sand, medium brown, moist, silty (5.2-5.8)
		 		Sand, medium black with organic silt (5.8-6.0)
6	8	 	15-16	Sand, medium, brown, dry (6.0-6.3)
<u></u>			18-20	Sand, fine, dark brown, silty, (increasingly silty
				with depth)
				Sand, coarse, grey (7.8-8)
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Boring	Nali B	-10	Project/No.	GE/N0360ES7 Page 1 of 1
				Drilling 11/5/86 Drilling Completed 11/5/86
Total De	epth Drill	ed10	feet	Hole Diameter 2 inches Coring Device Split Spoon
	-			□ Surveyed □ Estimated Datum
Drilling I Drilling Contract	Fluid Use	d	)H	Drilling Method Auger  Driller Art Helper Art, Jr.  Hammer Hammer Weight 140 Drop 36 inches
Sample/Co (feet below in From	re Depth		Timefriydraulic Pressure or Blows per 6 inches	Sample/Core Description
0	2	1.5	2-3-4-9	Top soil (0-0.2)
				Sand, dark brown, medium, with silt
		·		Some rock fragments
2	4_	1.5	6-3-5-3	Same
4	6	0.5	4-2-3-3	Wood, brown, moist
6	8	0.5	15-20- 3-3	Wood, brown, moist
8	10	0.3	20-7-7-8	Same
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Boring/Well B-11	Project/No.	GE/N0360ES7 Page 1 of 1
		Drilling Drilling Started 11/6/86 Completed 11/6/86
Total Depth Drilled	10 feet	Hole Diameter 2 inches Coring Device Split Spoon  Sampling Interval 2 feet
		□ Surveyed □ Estimated Datum
Drilling Fluid Used Drilling CATOH Contractor	_ <del></del>	Driller Art Helper Art, Jr.
Prepared D. S	chantz	Hammer 140 Hammer 36 Weight Dropinches
Sample/Core Depth lest below land surface) Re	Time/Hydraulic	
0 2 1	.5 5-14-29-	Top soil (silty sand) (0-0.7), medium brown;
	50	Sand, medium brown (0.7-1), medium
		, , , , , , , , , , , , , , , , , , , ,
		Sand and cement, light brown, medium
2 4 1	5 5-10-14- 12	Sand, medium-fine, medium brown, with silt (2-3) Sand, medium, silty, medium brown to black odor
	,	(3.4)
		Wood (3.4-3.5)
4 6 2	2.0 16-14-6-	Sand, medium -fine, light brown, dry, some silt, with
	5	gravel, no odors
6 8 0	6-5-4-4	No recovery
8 10 1	.0 5-5-6-8	Wood, some silt and sand, medium-fine, black, odor



Boring	Well _B-	12	Project/No.	GE/N0360ES7 Page 1 of 1
Site	າ	Pittsf	ield, MA	Drilling 11/6/86 Drilling 11/6/86 Started 11/6/86
Total De	epth Drill	led1	0 feet	Hole Diameter 2 inches Type of Sample/ Split Spoon Coring Device
Length of Coring	and Diar g Device	neter	2" x 2	Sampling Interval 2 feet
				□ Surveyed □ Estimated Datum
Deilling				Drilling Method Auger
Contract				Driller Art Helper Art, Jr.
Ву	<u> </u>	). Scha	intz	Hammer 140 Hammer 36 inches
Sample/Co feet below is From	ore Depth and surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
0	2	2.0	9-14-18-	Sand, medium-fine, light brown, with gravel, moist
2	4	2.0	12 12-14-14	- Same (2.0-2.3)
	<u>;</u>		16	Sand, medium-fine, dark brown, silty, with gravel,
	į			odor
4	6	1.0	6-5-7-	Sand, medium, dark brown, silty, with gravel, wet,
			25	odor
				Wood (4.8-5)
6	8	0.25	14-7-7-	Wood, stained gray/black, odor
			6	
8	10	1.5	8-4-4-6	Sand, medium-fine, medium brown, dry, with some silt
				·
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Boring)	Vell <u>B−</u>	13	Project/No.	
				Drilling Drilling Started 11/6/86 Completed 11/6/86
Total De	epth Dril	led <u>10</u>	feet	Hole Diameter 2 inches Type of Sample/ Coring Device Split Spoon
Length of Corin	and Dia. g Device	meter 	2" x 2'	Sampling Interval 2fee
			feet	
Drilling f	Pluid Use	ed		Drilling Method Auger
Drilling Contract	tor	АТОН		Driller Art Helper Art, Jr.
Prepare By	d D.	Schan	itz	Hammer 140 Hammer 36 Union Weight Dropinches
Sample/Co (feet below is From	ra Depth		Time/Hydraulic Pressure or	Sample/Core Description
0	2	1.0	10-15-	Sand, medium-fine, dark brown, some silt, moist,
			15-1	with gravel
2	4	1.0	17-19-	Same (2-2.5)
			20-19	Sand, medium-fine, dark brown/black, some silt,
				moist, odor
4	6	2.0	13-10-	Sand, medium-fine, light brown/orange, dry,
			10-13	
6	8	2.0	14-7-7-	Sand, medium-fine, dark brown, dry (6-7.8)
ļ 		<u> </u>	8	Same, with band of black sand, silty and odor (7.8-8.
8	10	2.0	18-7-8-	Sand, medium-fine, dark brown to gray
			8	
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Boring	Well B	-14	Project/No.	GE/N0360ES7 Page 1 of 1
_				Drilling Drilling Started 11/6/86 Completed 11/6/86
Total D	epth Drill	led1	feet	Hole Diameter 2 inches Coring Device Split Spoon
Length of Corin	and Diar g Device	neter	2" x 2'	Sampling Intervalfe
			feet	
Drilling	Fluid Use	ed		Drilling Method Auger
Drilling Contract	tor		САТОН	Driller Art Helper Art, Jr.
Prepared D. Scha		nantz	Hammer 140 Hammer 36 Weight Drop inch	
	ore Death		Time/Hydraulic Pressure or	Sample/Core Description
0	2	1.5	12-12-	Sand, medium-fine, silty, dark brown/orange (0-1.0)
			11-10	Some gravel and wood
2	4	0.5	9-9-11-	Sand, medium-fine, dark brown, with gravel
			10	
4	6	0	5-5-8-2	No recovery
6	8	0	4-6-8-8	No recovery
8	10	1.0	8-8-7-7	Sand, medium-fine, dark brown, silty, oily
				water at 8.0
i l				
	Auge	red do	wn and re-	sampled 4-6, 6-8
4	6	2.5	38-11-8-	Sand, medium-fine, dark brown, some gravel
			4	
6	8		11-8-3-4	Sand, medium-fine dark brown/gray, some silt, gravel
				Water 7.5'
	Comp	osite:	Sample of	0-6' submitted).
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Parings	Mai B	-15	Droject/No.		
Site				Drilling Drilling	
Locatio	n <u>- Ի</u> յ	ttsfie	Id. MA	Type of Semple/	
			feet	Hole Diameter 2 inches Coring Device Split Spoon	
of Corin	and Diar g Device	2" x	2'	Sampling Interval 2	. feet
Land-Si	urface Ek	ev	feet		
	Fluid Use	∌d	<u>-</u>	Drilling Method Auger	
Drilling Contrac	torC	ATOH		Driller Art Helper Art, Jr.	
Prepare Bv	ed D	. Scha	ntz	Hammer 140 Hammer 36 Weight Drop inc	rhee
Sample/C	ore Depth and surface)		Time/Hydraulic Pressure or Blows per 6 lectes	Sample/Cere Description	,,,,,,,
0	2	1.0	4-4-10-	Sand, medium-fine, dark brown, with gravel	
<del></del> -	-	1.0	14	Salita, meatam rine, dark stown, with graver	
2	4	1.0	6-11-3-4	Sand, medium-fine, dark brown, with gravel and	
				porcelain	
4	6	0	3-3-6-8	No recovery	
6	8	1.5	7-7-6-8	Sand, medium-fine, dark brown, with gravel and wood	•
		<u> </u>		(6-6.3)	
				Cement, gray (6.3-6.5)	<u>}</u>
				Sand, medium-fine, dark brown, silty (6.5-6.7)	}
				Glass, green (6.7-6.8)	<u> </u>
				Sand, medium-fine, brown, silty (6.8-7.2)	}
			<del>                                     </del>	Cement, white, crumbly (7.2-7.5)	3
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Boring	Well B-	16	Project/No.	GE/N0360ES7 Page 1	of1
Site Location	n <u>Pi</u>	ttsfie	ld, MA	Drilling Drilling Started 11/6/86 Completed 11	/6/86
Total D	epth Drill	led8	feet	Hole Diameter 2 inches Type of Sample/ Split Sp	oon
of Corin	g Device		2" x 2	Sampling Interval 2	feet
Land-Su	urface Ek	6v. <u> </u>	feet	☐ Surveyed ☐ Estimated Datum	
_		ed	-	Drilling Method Auger	
Drilling Contrac	tor	CATOH	· · · · · · · · · · · · · · · · · · ·	Driller Art Helper Ar	
Prepare By	kd D	. Scha	ntz	Hammer 140 Hammer Weight Drop	36 inches
Sample/College below 1	ore Depth and surface To	Core Recovery (feet)	Time/itydraniic Pressure or Blows per 6 inches	Sample/Core Description	
0	2	1.0	9-12-15-	Sand, medium-fine, dark brown, with gravel and	
			14	porceleain (0-0.8) Sand, medium-fine, dark brown/black, with grav	
2	4	0	21-15-	No recovery	
}			15-16		
4	6	1.0	16-22-	Sand, medium-fine, dark brown, with gravel, no	odor
			13-7		
6	8	1.0	13-20-5-	Sand, medium-fine, dark brown/ gray, with grav	el,
			5	odor	
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Boring	WellB	-17	Project/No.	GE/N0360ES7 Page 1 of 1
Site Location	n Pi	ttsfie	ld, MA	Drilling 11/6/86 Drilling 11/6/86 Started 11/6/86
Total De	epth Drill	ed8	feet	Hole Diameter 2 inches Coring Device Split Spoon
cf Corin	and Diar g Device	neter 	2" x 2'	Sampling Interval2 feet
				□ Surveyed □ Estimated Datum
=	Fluid Use	d	-	Drilling Method Auger
Drilling Contract	tor	CATOH		Driller Art Helper Art, Jr.
Prepare By	d D	. Scha	ntz	Hammer 140 Hammer 36 inches
Sample/Core Depth Time/Hydraulic Pressure or Recovery Slaves per 6 Inches			Pressure er Siews per 6	Sample/Cere Description
0	2	2.0	16-20-	Sand, medium-fine, dark brown, with gravel (0-0.5)
			30-17	Sand, medium-fine, black, silty with cement
				(0.5-1.5)
				Clay, gray with sand (1.5-2)
2	4	1.5	18-16-	Same (2-2.2)
			12-12	Sand, medium-fine, orange, dry (2.2-2.5)
				Sand, medium-fine, dark brown, silty with wood
				and gravel
4	6	1.0	16-12-	Wood, black, oily; some silt and sand
			20-24	
6	8	1.5	7-7-7-6	Sand, medium-fine, dark brown, dry, with gravel
				Sand, medium-fine, dark brown, black, silty, odor
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Boring	/Well <u>B - 1</u>	18	Project/No.	GE/N0360ES7 Page 1 of 1
Site Locatio	n <u>P</u>	it <b>t</b> sfie	eld, MA	Drilling Drilling Drilling Completed 11/6/86
Total D	epth Drill	led <u>8</u>	feet	Hole Diameter 2 inches Coring Device Split Spoon
of Corin	and Diar ng Device	neter 	2" x 2'	Sampling Interval feet
Land-S	urface Ek	ev	feet	□ Surveyed □ Estimated Datum
		ed	-	Drilling Method Auger
Drilling Contract		CATOH		Driller Art Helper Art, Jr.
Prepare By		). Sch	antz	Hammer 140 Hammer 36 Weight Drop inches
Sample/C feet below I From	ore Depth land surface) To	Cors Recovery (feet)	TimeAtydraulic Pressure or Blows per 6 inches	Sample/Core Description
0	2	2	5-15-20	Sand, medium-fine, dark brown, dry with gravel (0-0.8)
			15	Wood, black, moist (0.8-1.0)
				Sand, medium-fine, dark brown/black, silty, odor
				(1.0-1.5)
				Sand, medium-fine, dark brown/gray, dry, no odor
				(1.5-2)
2	4	2	7-11-14-	Same (2-3)
			12	Sand, medium-fine, dark brown, silty (3.0-3.2)
				Wood, not stained (3.2-3.5)
				Cement (3.5-4), white
4	6	1.0	15-17-	Sand, medium-fine, medium brown/gray, silty, with wood
!			13-15	
6	8	0.5	9-17-20-	Silt, medium brown/gray, sandy, odor
			12	· · · · · · · · · · · · · · · · · · ·
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Borino	YWell	3-19	Project/No.	GE/N0360ES7 Page 1 of 1
Site			eld, MA	Drilling Drilling Completed 11/6/86
Total (	Depth Drill	led <u>8</u>		Hole Diameter 2 inches Coring Device Split Spoon  Sampling Interval 2 feet
	_		feet	to the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contrac
Dritting	: Fluid Use	ed	<u></u>	Drilling Method Auger
Prepar By	red D.	. Schai	ntz	Driller Art Helper Art, Jr.  Hammer 140 Hammer 36 Inches
Sample/	Core Depth land surface)		Time/Hydraulic Pressure or	Sample/Core Description
0	2	2	9-20-20-	Sand, medium-fine, dark brown, dry, with gravel (0-1)
			20	Silt. v. dark brown, with sand, odor (1-2) gravel
2	4	1.0	25-30-35	Same (2-2.5)
			34	Silt, v. dark brown, no sand or gravel, odor
4	6	0.5	9-10-15-	Same (4-4.2)
			10	Cement (4.2-4.3)
				Wood (4.3-4.5)
6	8	0	20-4-18-	(
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Boring	Well B-2	20	Project/No.	N0360ES7 Page 1 of 1	
				Drilling Drilling Started 11/6/86 Completed 11/6/86	
Total D	epth Drill	led <u>10</u>	feet	Hole Diameter 2 inches Coring Device Split Spoon	)
Length of Corin	and Diar g Device	neter	2" x 2'	Sampling Interval2	feet
Land-Si	urface Ele	ev	feet	□ Surveyed □ Estimated · Datum	
Drilling	Fluid Use	∌d		Drilling Method	
Drilling Contract	tor	CATOH		Driller Art Helper Art, Jr.	
Prepare By	nd n	. Scha		Hammer 140 Hammer 36 Union Meight Drop inc	hes
Sample/Cr (feet below i From	ore Depth	Core Recovery (test)	Time/flydrautic Pressure or Biours per 6 fection	Sample/Core Description	
0	2	1.0	9-5-5-6	Top soil, silty with grass, medium brown	_
				Sand, coarse, dark brown, with silt and gravel	
2	4	1.5	13-9-10-	Sand and silt, medium brown, with black banding	
]			12	<del></del>	
4	6	1.5	5-7-10-	Same, some brick pieces and cement	
			14		
6	8	2.0	14-29-	Coal pieces and brick (6.0-6.4)	
			31-60	Brick (6.4-6.8)	
				Sand, orange, dry, medium-fine (6.8-7)	
!				Cement (7-7.2)	
				Sand, coarse, medium brown, with silt and gravel	
				(7.2-8)	
8	10	0.2	55-95-	Sand, coarse, and silt, with gravel	
			42-47		
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Boring	Well I	B-21 ;	Project/No.	N0360ES7 Page 1 of 1
Site	n Pit	tsfiel	d. MA	Drilling 11/6/86 Drilling 11/6/86 Started 11/6/86
Total D	epth Drill	ed <u>12</u>	feet	Hole Diameter 2 inches Coring Device Split Spoon
of Corin	and Dian g Device	2	" x 2'	Sampling Intervalfeet
Land-Si	urtace Ele	ev	feet	☐ Surveyed ☐ Estimated Datum
				Drilling Method
	tor			Driller Art Art, Jr.
Prepare By	d D.	Schant	Z	Hammer 140 Hammer 36 Weight Dropinches
	ore Depth and surface) To		Time/Hydrasiic Pressure or Blows per 6 inches	Sample/Core Description
0	2	2	2-2-5-6	Top soil, dark brown, silty with grass (0-0.2)
				Sand, fine, dark brown, silty (0.2-1.0)
				Sand, medium-fine, dark brown/black, mixed with
<del> </del>				gravel (1.0-1.5)
				Sand, medium-fine, red-brown, with brick
2	4	1.5	9-10-13	Silty sand, medium brown with gravel and brick
			6	and wood
4	6	2.0	12-14-	Cinders, black, with sand, medium-fine, dark gray
			14-19	and silt (4-5)
		i		Sand, medium fine, dark brown (5.0-6.0)
6	8	0.5	35-60-	Cinders, black, with sand, medium-fine, dark gray
			25-22	(6.0-6.2)
				Limestone pieces (6.2-6.5)
8	10	2	27-17	Cinders, white (8-8.2)
			10-9	Cinders, black, with coarse sand and silt (8.2-8.8)
				Sand, fine dark brown/gray, silty, odor
10	12	1.5	9-7-7-6	Same
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Boring	Well _B-	22	Proiect/No.	
			eld, MA	Drilling 11/6/86 Drilling Completed 11/6/86
Total De	epth Drill	ed		Hole Diameter 2 inches Coring Device Split Spoon
	-			□ Surveyed □ Estimated Datum
Drilling F	Puid Use	d		Drilling Method Auger
Drilling Contract	tor	CATOH		Driller Art Helper Art, Jr.
_				Hammer Hammer Weight 140 Drop 36 inches
Sample/Co (leet below is From	ire Depth		Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
0	2	1	5-9-12-	Top soil, medium brown with sand and silt (0-0.3)
			20	Cinders, black, with sand and silt (0.3-1.0)
				Brick, red (1.0-1.2)
				Cinders, white, with fine sand and silt
2	4	1.0	9-3-2-2	Same (2.0-2.5)
4	6	1.5	2-3-4-6	Cinders, black, with sand and silt (2.5-3.0) Same
6	8	1.0	8-10-6-7	Same with rock
8	10	1.5	11-29-	Same (8-8.5)
			40-14	Sand with medium brown; with some silt and gravel
10	12	1.0	14-18-	Same (10-10.2)
			26-60	Cement (10.2-10.3)
1				Cinders, black (10.3-11)
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Boring	Well E	3-23	Project/No.	GE/N0360ES7 Page 1 of 1
Site Location	D - 4		d, MA	Drilling 11/6/86 Drilling 11/6/86 Started 11/6/86
Total D	epth Dri		feet 2" x 2	Hole Diameter 2 inches Coring Device Split Spoon
	_			□ Surveyed □ Estimated Datum
				Drilling MethodAuger
Drilling Contrac		CATOH		Driller Art Helper Art, Jr.
		Schant		Hammer 140 Hammer 36 inches
	ora Dapth		Time/Hydraulic Pressure or Slows per 6 inches	Sample/Core Description
0	2	1.0	5-7-8-6	Asphalt (0-0.1)
				Sand, fine, medium-brown, with silt and gravel
2	4	0.8	6-5-5-6	Same (2-2.5)
				Clay, white, moist odor (2.5-2.8)
4	6	1.5	7-6-6-7	Sand, medium-fine, medium brown, sith some silt
6	88	2	6-5-5-6	Sand, medium-fine, medium brown, with some silt, odor
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Boring/	Well	B-24	Project/No.	GE/N0360ES7 Page 1 of 1
			ld, MA	Drilling 11/6/86 Drilling 11/6/86 Started 11/6/86
				Hole Diameter 2 inches Type of Sample/ Split Spoon
of Corin	g Device	9	2" x 2'	Sampling Interval2 fee
Land-Su	urface E	lev	feet	□ Surveyed □ Estimated Datum
	Fluid Us	ed		Drilling Method Auger
Drilling Contract	tor	CATOH		Driller Art Helper Art, Jr.
Prepared By	d 	DSch	antz	Hammer Hammer Weight 140 Drop 36 inches
Sample/Co feet below is From	re Depth		Time/Hydraulic Pressure or Blows per 6 inches	
0	2	1.0	8-9-8-9	Asphalt (0-0.2)
				Sand, medium-fine, brown, silty, and gravel
2	4	0.5	3-4-4-3	Same, and large chunk of wood
4	6	1.0	2-3-2-2	
_ <u>i</u>	8	1.5	3-4-3-4	Same
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Boring/)	Well B-	25	Project/No.	GE/NO3	60ES7				P	age	1	of	1
			1d, MA			Drilling Started_	11	/6/86	Drilli Com	ng pleted	11/6	5/86	
Total De	epth Dril	led8	feet	Hole Diar	neter	2 inche	es	Type of Sar Coring Devi	mple/ ice	Split	Spoo	on	
	_		2" x 2					Samplin	_			2	feet
			feet		-	☐ Estimate							
	Fluid Use	ed		<del>-</del>	<del></del>			Drilling N	<b>Viethod</b>	A	uger	<del>-</del>	
						Dri	iller .						
Prepare By	<b>d</b> D.	Schan	tz	···				Hammer Weight_	140	Har Dro	nmer p	36	inches
Sample/Co (feet below is	ere Depth		Time/Hydraulic Pressure or Blows per 6 inches				Sam	pie/Core Descrip			v		
0	2	1.5	14-21-	Asphal	t (0-0.	.1)							Ì
			21-30	Sand	l, medii	um-fine,	da	rk brown,	with	some	sil	t, _	
				and	gravel								
2	4	1.5_	16-22-	Same									
			14-12			AH				<u> </u>			
4	6	2.0	7-8-7-4	Sand,	fine-me	edium, da	ark	brown, s	ilty,	odor	(4-4	1.5)	
6	8	1.5	5-4-5-6	Same								<del></del>	
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Boring/Well B-26	Project/No.	GE/N0360ES7 Page 1 of 1
Site Pitts		Drilling 11/7/86 Drilling 11/7/86 Started Completed
		Hole Diameter 2 inches Type of Sample/ Split Spoon Coring Device
Length and Diamet of Coring Device	2" x 2'	Sampling Intervalfeet
Land-Surface Elev.		•
	-	Drilling Method Auger
Drilling Contractor CATO	ОН	Driller Art Helper Art, Jr.
Prepared D.	Schantz	Hammer 140 Hammer 36 inches
	Time/Hydraulic Core Pressure or covery Blows per 6 feet) Inches	
0 2 2	5-7-10-	Top soil (0-0.3)
	17	Sand, fine, medium brown, v. silty, some gravel
2 4 1	.5 26-13-8-	Cinders and coarse sand, black, some silt, and gravel
	16	
4 6 2	.0 4-3-4-3	Sand, fine, medium brown, silty, moist (4-5.5)
		Cinders, black, mixed with coarse orange sand, dry
6 8 1	.5 2-3-3-4	Cinders, black, with coarse sand
8 10 1	.5 2-2-2-3	Same (8-8.7)
		Silty, sand, medium brown, fine; with pieces of
	·	brick and gravel
10 12 2	4-4-3-4	Same
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Borina	WellB	-2/	Project/No.	GE/N0360ES7 Page 1 of 1
Site Location	Pitt	sfield	, MA	Drilling 11/7/86 Drilling 11/7/86 Started 11/7/86
			feet 2"x2"_	Hole Diameter 2 inches Coring Device Split Spoon
	-		feet	, •
Drilling i	Fluid Use	ed	•	Drilling Method Auger
Drilling Contrac	tor	CATOH		Driller Art Helper Art, Jr.
Dronore	.al			Hammer Hammer Weight 140 Drop 36 inches
Sample/Co feet below is From	pre Depth		Time/Hydraulic Pressure or	Sample/Core Description
0	2	2	6-9-12-	Sand, fine, medium-brown, silty, dry with gravel
			14	
2	4	1.5	9-12-14-	Cinders, black, with coarse sand and gravel and
	ļ		14	pieces of brick and wood (2-3.3)
				Sand, fine, dark brown, very silty, moist (3.2-3.5)
4	6	2	6-5-5-5	Same
6	8	2	9-14-16-	Same (6-7)
			18	Cement, white, and coarse sand and fill
8	10	1.0	14-16-	Cement and gravel, mixed with coarse sand and silt
			18-18	
10	12	1.5	17-19-	Fill, cement and sand, with gravel, light brown/gray
			20-21	
				•
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Boring	Well	3-28	Project/No.	GE/N0360ES7 Page 1 of 1
				Drifling 11/7/86 Drifling 11/7/86
Total D	epth Drill	ed1	feet	Hole Diameter 2 inches Coring Device Split Spoon
of Corin	and Diar g Device	neter	2" x 2'	Sampling Interval feet
				□ Surveyed □ Estimated Datum
	Fluid Use	∍d	-	Drilling Method
Drilling Contract	tor	CATOH	<del></del>	Driller Art Helper Art, Jr.
Prepare By	ed D.	Schan	tz	Hammer 140 Hammer 36 Weight Drop inches
Sample/Co feet below i From		Core Recovery (test)	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
0	2	2.0	8-10-18-	Sand, medium-fine, dark brown, silty (0-1)
	<u> </u>		20	Sand, coarse, black, with cinders and gravel
				(1-2) <u>odor</u>
2	4	2.0	20-18-7-	Same (2-3) odor
į			6	Sandstone, coarse, orange/pink (3-4)
4	6	2	12-7-7-5	Sand, medium-coarse, medium brown/gray, with silt,
-		   		dry, odor
6	8	2	6-6-6-4	Same
8	10	1	3-5-7-10	Same
10	12	1	8-9-6-7	Same
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<b>√</b> Boring)	Well	- 29	Project/No.	Page of
			ield, MA	·
				Hole Diameter 2 inches Coring Device Split Spoon
Length of Corin	and Dial ng Device	meter 	2" x 2'	Sampling Interval feet
			feet	☐ Surveyed ☐ Estimated Datum
Drilling Drilling	Fluid Us	ed	_	Drilling Method Auger
Contrac				Driller Art Helper Art, Jr.
By	<b>.</b> D.	Schan	tz	Hammer 140 Hammer 36 inches
Sample/Cleet below i	ore Depth land surface To	) Core Recovery (feet)	Time/Hydraulic Pressure er Blows per 6 inches	Sample/Core Description
0	2	1.0	15-15-	Silty sand, medium-fine, medium brown, with gravel
	<u> </u>		10-6	
2	4	1.0	10-5-5-6	Same (2.0-2.5)
<u> </u>				Sand, coarse, black, with cinders and gravel
4	6	2	10-5-3-7	Same (4-4.5)
				Sand, fine, medium-brown, silty
6	8	2	5-4-5-8	Same (6-7.5)
	:			Silty medium brown, with fine sand, moist (7.5-8.0)
8	10	1.0	17-16-	Sand, coarse, medium brown, with gravel, dry
			15-3	
10	12	1.5	12-5-4-4	Same
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Boring	WellB	-30	Project/No.	N0360ES7 Page 1 of 1
Site Locatio				Drilling Drilling Completed 11/7/86
		led12	feet	Hole Diameter 2 inches Coring Device Split Spoon
			2" x 2'	
Land-S	urface El	<b>6</b> V	feet	□ Surveyed □ Estimated Datum
_		ed	=	Drilling Method Auger
	ctor <u>CA</u>	TOH		Driller Art Helper Art, Jr.
Prepare By	ed D	Schant	<u>z</u>	Hammer Hammer Weight 140 Drop 36 inches
Sample/Citest below	Core Depth land surface To	) Core Recovery (feet)	Time/Hydraulic Pressure er Blows per 6 inches	Sample/Core Description
0	2	1.8	4-5-7-6	Top soil (0-0.5)
	1			Sand, medium-fine, dark brown, with gravel (0.5-2)
2	4	2	5-5-6-5	Same
4	6	1.5	5-5-6-5	Same
6	8	2		Same
· · · · · · · · · · · · · · · · · · ·	10	1.5	10-9-8-9	
10	12	2		Sand, medium-fine, dark brown, very silty, moist, odor
				(Could have leaking tank alongside).
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Boring	Well B-	31	Project/No.	GE/N0360ES7 Page 1 of 1
				Drilling 11/7/86 Drilling 11/7/86
Total D	epth Drill	ed 12	feet	Hole Diameter 2 inches Coring Device Split Spoon
of Corin	ng Device		2" x 2'	Sampling Intervalfeet
Land-Se	urface Ele	ev	feet	☐ Surveyed ☐ Estimated Datum
	Fluid Use	ed	0	Drilling Method Auger
Drilling Contract	ctor	CATOH		Driller_ArtHelper_Art, Jr.
Prenere	ard.			Hammer Hammer Weight 140 Drop 36 inches
Sample/Co feet below the From	ore Depth land surface) To	Core Recovery (lest)	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description
0	2	0.2	16-15	Sand, medium-fine, dark brown, silty, with large chunk
			13-12	of rock
2	4	2.0	6-7-8-10	Sand, medium-fine, dark brown, silty with gravel
4	6	2.0	12-12-	Same (4-5.5)
			14-12	Sandy, silt, very dark brown, oil odor
:	+			Same black staining
6	8	0.5	2-4-4-2	Sand, medium-fine, black, dry with very much gravel,
	<u>.</u>			odor
8	10	0.5	24-26-	Same
			30-31	
10	12	1.5	7-7-8-7	Sand, medium-fine, brown, with cinders, gravel
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BORING/WELL: 5B-1 PROJECT NO: N0360SB1 PAGE: 1 of 2

DRILLING 16:00 PM COMPLETED: 2/17/87 DRILLING SITE General Electric DRILLING 14:00 PM LOCATION: **STARTED**: 2/17/87 Pittsfield, MA

TYPE OF SAMPLE/
CORING DEVICE: Split Spoon HOLE TOTAL DEPTH DRILLED: 20 FT DIAMETER: 8 IN

LENGTH & DIAMETER OF CORING DEVICE: SAMPLING

2 FT x 2 IN INTERVAL: 2 feet

LAND-SURFACE ELEVATION: } SURVEYED
} ESTIMATED DATUM:

DRILLING FLUID USED: DRILLING METHOD: None Hollow Stem Auger

DRILLING CONTRACTOR: Soil & Mat'l Testing DRILLER: Dan HELPER: Kenny

Nick Childs 30" PREPARED BY: HAMMER WEIGHT: 140 lbs. HAMMER DROP:

SAMPLE NO	SAM DEP	SAMPLE DEPTH		BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	2'4"	0	100/0"	Cobbles (40%); gravel (40%); sand (10%) silt (10%);
		<del></del>		Drill	brown, poorly sorted, frozen.
	2'4"	2'8"	4"	100/4"	Cinder (70%); sand (10%); silt (10%); gravel (10%);
					black, poorly sorted, coal tar odor.
	2′8"	3	0"	Drill	
	3	3'3"	3"	100/3"	Sand (45%), fine; silt (45%); gravel (10%); greenish
					tan with some black staining, poorly sorted, coal
					tar odor.
	3′3"	4	0	Drill	
	4	6	22"	29/39/	Sand (40%), fine; silt (40%); gravel (20%); brown
				90/	grading into greenish tan at 5' with some black
				100/4"	staining, poorly sorted, coal tar odor.
	6	8	16"	49/46/	6-7': Same as above.
				30/36	7-8': Cinder (70%); sand (10%); silt (10%); gravel
					(10%); black, poorly sorted, coal tar odor.
	8	10	12"	15/17/	Sand (40%), fine; silt (40%); cinder (15%); gravel
				11/8	(5%); greenish tan and black, poorly sorted, coal
					tar odor.
	10	12	3"	9/14/	Sand (45%), fine; silt (45%); cinder (10%); greenish
	•			10/9	tan and black, moderately sorted, coal tar odor.
•	12	14	6"	8/10/	Sand (35%), silt (35%), gravel (30%); multicolored.
				8/10	poorly sorted, coal tar odor.
	14	16	9"	15/16/	Same as above.
				11/12	

### SAMPLE/CORE LOG (Cont.d)

BORING/WELL: 5B-1 PREPARED BY: Nick Childs PAGE: 2 of 2

SAMPLE NO	SAM: DEP	PLE TH	CORE	BLOW	SAMPLE/CORE DESCRIPTION
	FROM •	TO	7		
	16	18	3"	8/8/9/	Sand (35%), silt (35%), gravel (30%); greenish
				8	tan, poorly sorted, coal tar odor.
	18	20	12"	15/11/	Same as above.
			ł	13/12	
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PROJECT NO: NO360SB1 BORING/WELL: 5B-2 PAGE: 1 of 2 DRILLING 10:30 AM STARTED: 2/18/87 DRILLING 12:30 PM COMPLETED: 2/18/87 General Electric LOCATION: Pittsfield, MA TYPE OF SAMPLE/CORING DEVICE: Split Spoon TOTAL DEPTH DRILLED: 20 FT HOLE DIAMETER: 6 IN LENGTH & DIAMETER OF CORING DEVICE: 2' x 2" SAMPLING INTERVAL: 2 feet { } SURVEYED { } ESTIMATED DATUM: LAND-SURFACE **ELEVATION:** DRILLING FLUID USED: None DRILLING METHOD: Hollow Stem Auger DRILLING CONTRACTOR: Soil & Mat'l. Testing DRILLER: HELPER: Kenny Dan PREPARED BY: Nick Childs HAMMER WEIGHT: 140 lbs. HAMMER DROP: 30 in.

SAMPLE NO	SAM DEP		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
Ī	FROM TO				
	0	2	18"	6/14/	05': Topsoil.
				14/17	.5-1': Sand (90%), fine-medium; silt (10%);
					brown, moderately sorted.
					1-2': Sand (85%), medium-coarse; silt (10%);
					gravel (5%); brown and tan, poorly sorted.
:	2	4	24"	21/16/	Sand (60%); gravel (25%); silt and ash (15%); gray,
				12/9	poorly sorted.
	4	6	9"	13/15/	Sand (60%), medium-coarse; gravel (35%); silt (5%);
	i			17/15	gray, poorly sorted.
	6	8	15"	20/12/	Same as above.
				10/12	
	8	10	10*	10/10/	Same as above.
				12/11	
	10	12	16"	14/10/	10-11': Same as above.
				6/7	11-12': Sand, coarse, gray, moderately sorted.
	12	14	9"	8/6/	Sand (80%), coarse; gravel (20%); gray, poorly
				6/7	sorted.
	14	16	0	10/8/	No recovery.
				8/7	
	16	18	14"	13/10/	16-16.5': Silt (95%), brown; gravel (5%); moderately
				14/15	sorted.
					16.5-18': Sand (60%); gravel (35%); silt (5%); gray,
					poorly sorted, coal tar odor.
					pourty sorted, coar car odor.

#### SAMPLE/CORE LOG (Cont.d)

BORING/WELL: SB-2 PREPARED BY: Nick Childs

PAGE: 2 of 2

SAMPLE NO	SAM DEP	PLE TH	CORE	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	<u> </u>		
	18	20	3 "	16/12/	Same as above; free oil in spoon, coal tar odor.
				10/11	Fluid at 19'.
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PROJECT NO: NO360SB1 BORING/WELL: 5B-3 PAGE: 1 of 2 DRILLING 14:15 STARTED: 2/18/87 DRILLING 16:00 COMPLETED: 2/18/87 General Electric LOCATION: Pittsfield, MA TOTAL DEPTH DRILLED: 20 ft. TYPE OF SAMPLE/CORING DEVICE: Split Spoon HOLE DIAMETER: 6 in. LENGTH & DIAMETER OF CORING DEVICE: 2' x 2" SAMPLING INTERVAL: 2 feet { } SURVEYED { } ESTIMATED DATUM: LAND-SURFACE ELEVATION: DRILLING FLUID USED: None DRILLING METHOD: Hollow Stem Auger DRILLING CONTRACTOR: Soil & Mat'l. Testing DRILLER: Dan **HELPER**: Kenny

HAMMER WEIGHT: 140 lbs. HAMMER DROP: 30 in.

PREPARED BY: Nick Childs

SAMPLE NO	SAM DEP	PLE TH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	7		•
	0	2	24"	26/24	05': Topsoil.
				15/14	.5-1': Sand (50%); silt (45%); gravel (5%); brown,
					poorly sorted.
					1-2': Cinder (70%); gravel (15%); sand (10%); silt
					(5%); black, poorly sorted.
	2	4	14"	12/5/	Same as above.
				5/5	
	4	6	6"	5/6/	Cinder and brick.
				8/6	
	6	8	12"	3/4/	6-6.5': Same as above.
				6/5	6.5-7': Sand (85%), fine-medium; gravel (10%); silt
					(5%); brown, poorly sorted.
	8	10	14"	6/5/	Sand (55%); gravel (40%); silt (5%); brown and gray
				3/3	poorly sorted.
	10	12	16"	6/8/	10-11': Same as above.
				12/13	11-12': Gravel (50%); sand (45%); silt (5%); gray
					poorly sorted.
	12	14	12"	5/6/	Sand (60%); gravel (35%); silt (5%); gray, poorly
				8/12	sorted, slight odor.
	14	16	0	10/9/	No recovery.
				11/12	
	16	18	8"	11/11	Sand (70%); gravel (25%); silt (5%); gray, poorly

sorted, coal tar odor.

13/13

### SAMPLE/CORE LOG (Cont.d)

BORING/WELL: 5B-3

PREPARED BY: Nick Childs

**PAGE**: 2 of 2

SAMPLE NO	SAM DEP	PLE TH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	18	20		8/10	Gravel (70%), sand (30%); gray, poorly sorted. moist
		İ		8/9	coal tar odor.
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BORING/WELL: 5B-4 PROJECT NO: NO360SB1 PAGE: 1 of 1 SITE General Electric LOCATION: Pittsfield, MA DRILLING 08:20 STARTED: 2/19/87 DRILLING 10:30 COMPLETED: 2/19/87 TYPE OF SAMPLE/CORING DEVICE: Split Spoon TOTAL DEPTH DRILLED: 20 ft. HOLE DIAMETER: 6 in. LENGTH & DIAMETER OF CORING DEVICE: 2' x 2" SAMPLING 2 feet INTERVAL: ( ) SURVEYED ( ) ESTIMATED DATUM: LAND-SURFACE **ELEVATION:** 

DRILLING FLUID USED: None DRILLING METHOD: Hollow Stem Auger

DRILLING

CONTRACTOR: Soil & Mat'l Testing DRILLER: Dan HELPER: Kenny

PREPARED BY: Nick Childs HAMMER WEIGHT: 140 lbs. HAMMER DROP: 30 in.

SAMPLE NO			CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	7		
	0	2	24"	15/24	05': Topsoil
				23/32	.5-2': Sand (40%); gravel (30%); silt (30%); brown,
					poorly sorted.
	2	4	5"	60/32/	Cobbles (35%); gravel (35%); crushed rock (30%);
				27/22	multicolored, poorly sorted.
	4	6	12"	13/7/	4-5.5': Sand (40%); gravel (30%); silt (30%); brown,
	. "			7/7	poorly sorted.
	6	8	18"	7/6/	Same as above.
	μ <u>)</u>			6/7	
	8	10	5"	8/7/	Cobbles (30%); gravel (30%); sand (20%); silt (20%);
				19/22	multicolored, poorly sorted.
	10	12	12"	18/13/	Gravel (40%); cobbles (20%); sand (20%); silt (20%)
				10/11	multicolored, poorly sorted.
	12	14	12"	13/12/	Gravel (40%); sand (40%); silt (20%); multicolored
				16/14	(mainly gray), poorly sorted.
	14	16	12"	12/10	Same as above; slight odor.
				15/13	
	16	18	12"	10/10	Same as above; coal tar odor.
-				15/14	
	18	20	4"	18/16/	Gravel (70%); sand (20%); silt (10%); gray, poorly
				19/13	sorted, free oil in spoon, coal tar odor. Fluid
					at 18.5'.
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PROJECT NO: NO360SB1 BORING/WELL: 5B5 PAGE: 1 of 2 DRILLING 13:00 STARTED: 2/19/87 SITE General Electric LOCATION: Pittsfield, MA DRILLING 15:50 COMPLETED: 2/19/87 TOTAL DEPTH DRILLED: 20 ft. TYPE OF SAMPLE/CORING DEVICE: Split Spoon HOLE DIAMETER: 6 in. LENGTH & DIAMETER OF CORING DEVICE: 2' x 2" SAMPLING INTERVAL: 2 feet LAND-SURFACE SURVEYED ( ) ESTIMATED DATUM: ELEVATION: DRILLING FLUID USED: None DRILLING METHOD: Hollow Stem Auger CONTRACTOR: Soil & Mat'l Testing DRILLER: Dan **HELPER:** Kenny PREPARED BY: Nick Childs HAMMER WEIGHT: 140 lbs. HAMMER DROP: 30 in.

SAMPLE NO	AMPLE SAMPLE NO DEPTH I		CORE RECVRY	BLOW	SAMPLE/CORE DESCRIPTION
	FROM	TO	7		
	0	2	12"	24/53/	05': Topsoil.
				43	.5-2': Sand (60%); silt (35%); gravel (5%); brown,
				100/3"	poorly sorted.
				Drill	Refusal at 1'9". Backed rig up 5' and resumed
					sampling at 2'.
	2	4	24"	4/4/	Cinder (80%); sand (10%); silt (10%); black, poorly
				4/4	sorted, coal tar odor.
	4	6	24"	6/4/	Sand (60%); cinder (30%); silt (10%); black
				4/5	and brown, poorly sorted, moist, coal tar odor.
	6	8	6"	6/7/	Sand (75%); gravel (15%); silt (10%); brown, poorly
				7/5	sorted, moist, coal tar odor.
	8	10	6"	4/7/	Sand (60%); gravel (30%); silt (10%); brown, poorly
;				9/5	sorted, moist, coal tar odor.
	10	12	8*	2/3/	10-11': Silt (70%); sand (30%); dark brown,
				1/1	moderately sorted, moist, coal tar odor.
					11-12': Sand (40%); gravel (40%); silt (20%); brown,
				<u> </u>	poorly sorted, moist, plant fiber.
	12	14	8"	3/5/	Same as above.
				7/26	
	14	16	16"	11/10/	14-14.5': Same as above.
				16/18	14.5-16': Sand (55%); gravel (30%); silt (15%) multi
		7			colored (mainly brown), poorly sorted, moist, coa
					tar odor.
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#### SAMPLE/CORE LOG (Cont.d)

BORING/WELL: SB-5 PREPARED BY: Nick Childs PAGE: 2 of 2

SAMPLE NO	SAM DEP	PLE TH	CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	7		•
	16	18	14"	27/22/	Sand (70%); gravel (20%); silt (10%); multi-
				28/20	colored (mainly brown), poorly sorted, moist, coal
					tar odor.
	18	20	14"	16/16/	Gravel (50%); sand (45%); silt (5%); gray, poorly
<u> </u>				18/20	sorted, wet, coal tar odor. Fluid at 18.
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BORING/WELL: SB-6 PROJECT NO: NO360SB1 PAGE: 1 of 2 SITE General Electric LOCATION: Pittsfield, MA DRILLING 10:45 STARTED: 2/26/87 DRILLING 15:30 COMPLETED: 2/26/87 TYPE OF SAMPLE/CORING DEVICE: Split Spoon TOTAL DEPTH HOLE DRILLED: 45 ft. DIAMETER: 6 in. LENGTH & DIAMETER OF CORING DEVICE: 2' x 2" SAMPLING INTERVAL: 2 feet { ) SURVEYED { ) ESTIMATED DATUM: LAND-SURFACE **ELEVATION:** 

DRILLING FLUID USED: None DRILLING METHOD: Hollow Stem Auger

DRILLING

CONTRACTOR: Soil & Mat'l Testing DRILLER: Dan HELPER: Kenny

PREPARED BY: Nick Childs HAMMER WEIGHT: 140 lbs. HAMMER DROP: 30 in.

SAMPLE NO	SAM DEP	SAMPLE DEPTH		BLOW	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	2	22"	27/28/	05': Topsoil
				46/49	.5-1.5': Sand (75%), fine; silt (20%); gravel (5%);
					brown, poorly sorted.
					1.5-2': Sand (50%); cinder (40%); silt (10%); brown
					and black, poorly sorted.
	2	4	16"	20/15/	Cinder (90%); sand (5%); silt (5%); black, poorly
				12/10	sorted.
	4	6	6"	3/3/	Sand (50%), fine; silt (40%); cinder (5%); gravel
				4/9	(5%); brown and black, poorly sorted.
	6	8	12"	9/5/	Sand (75%); gravel (15%); silt (10%); brown, poorly
				4/4	sorted.
	8	10	9".	14/13/	Sand (65%), fine; gravel (25%); silt (10%); multi-
				15/12	colored, poorly sorted.
	10	12	12"	11/13/	Sand (50%); gravel (40%); silt (10%); multi-
				11/11	colored, poorly sorted.
	12	14	12*	9/11/	Same as above.
				9/6	
	14	16	8"	6/6/	Same as above.
				9/12	
	16	18	16"	10/17/	Gravel (70%); silt (20%); sand (10%), fine; multi-
				11/8	colored (mainly gray), poorly sorted, coal tar
					odor.

#### SAMPLE/CORE LOG (Cont.d)

BORING/WELL: SB-6 PREPARED BY: Nick Childs

PAGE: 2 of 2

SAMPLE NO	SAM DEP	PLE TH	CORE	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	1		
	18	20	12"	10/6/	Same as above; free oil in spoon. Fluid at 19.
				7/8	
	23	25	16"	4/3/	Sand (95%); medium-coarse; silt (5%); grayish brown,
		1		6/8	moderately sorted, sheen, coal tar odor.
	28	30	24"	10/4/	Same as above.
				6/8	
	33	35	24"	19/11/	33-34': Same as above.
				13/10	34-35': Gravel (60%); sand (20%); silt (20%); gray,
	, i				poorly sorted, coal tar odor.
	38	40	24"	19/38	Gravel and cobbles (70%); sand (25%); medium-coarse;
				46/17	silt (5%); gray, poorly sorted.
	43	45	16"	29/53/	Gravel (50%), fine; sand (45%), coarse; silt (5%);
				100/5"	gray, poorly sorted.
					Refusal at 45'. Possibly bedrock-white limestone
					stuck in bit.
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BORING/WELL: SB-7 P	ROJECT NO: NO360SB1	PAGE: 1 of 1
SITE General Electric LOCATION: Pittsfield, MA	DRILLING 16:20 STARTED: 2/26/87	DRILLING 16:50 COMPLETED: 2/26/87
TOTAL DEPTH HOLE DRILLED: .6 feet DIAMETE	TYPE OF SA R: 6 inches CORING DEV	MPLE/ /ICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2'x 2"	SAMPLING INTERVAL: 2 feet	
LAND-SURFACE ELEVATION:	{ ) SURVEYED { ) ESTIMATED DATUM:	
DRILLING FLUID USED: None	DRILLING METHOD:	Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l Te	sting DRILLER: Dan	HELPER: Kenny
PREPARED BY: Nick Childs	HAMMER WEIGHT: 140 lbs. HA	AMMER DROP: 30 in.

SAMPLE NO	SAM DEP	PLE TH	CORE RECVRY	BLOW	SAMPLE/CORE DESCRIPTION
	FROM	TO	7		
	0	2	20*	14/33/	05': Topsoil, frozen.
				15/16	.5-1': Sand (75%), fine; silt (20%); gravel (5%);
					brown, poorly sorted, frozen.
					1'-2': Cinder (80%); sand (10%); silt (10%); black,
					poorly sorted.
	2	4	12"	16/27	Same as above.
				20/6	
	4	6	9"	21/19/	Same as above with some concrete fragments.
	·			11/9	
	-			_	
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BORING/WELL: 5B-8 PRO	DJECT NO: NO360SB1	PAGE: 1 of 2
SITE General Electric LOCATION: Pittsfield, MA	DRILLING 2/26/87 STARTED: 16:50	DRILLING 2/26/87 COMPLETED: 17:20
TOTAL DEPTH HOLE DRILLED: 6 feet DIAMETER:	6 inches CORING DE	SAMPLE/ EVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2'x 2"	SAMPLING INTERVAL: 2 fee	et
LAND-SURFACE ELEVATION:	{ } SURVEYED { } ESTIMATED DATUM:	
DRILLING FLUID USED: None	DRILLING METHOL	O: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l Test	ing DRILLER: Dan	HELPER: Kenny
PREPARED BY: Nick Childs	HAMMER WEIGHT: 140 lbs. I	HAMMER DROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION	
	FROM	TO				
	0	2	24"	55/60/	05': Topsoil, frozen.	
				25/21	.5-1.5': Sand (60%), fine; silt (20%); gravel and	
					cobbles (20%); brown, poorly sorted, frozen.	
	2	4	16"	22/15/	Same as above with cobble fragment at 2'.	
				10/8		
	4	6	12"	5/3/	Same as above.	
				2/3		
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BORING/WELL: SB-9 PROJ	VECT NO: NO360SB1	PAGE: 1 of 1
SITE General Electric LOCATION: Pittsfield, MA	DRILLING 2/26/87 STARTED: 17:15	DRILLING 2/27/87 COMPLETED: 09:45
TOTAL DEPTH HOLE DRILLED: 6 feet DIAMETER:	TYPE OF SA 6 inches CORING DEV	AMPLE/ VICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2' x 2"	SAMPLING INTERVAL: 2 fee	et
LAND-SURFACE ELEVATION:	{ } SURVEYED { } ESTIMATED DATUM:	
DRILLING FLUID USED: None	DRILLING METHOD	: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l Testi	ng DRILLER: Dan	HELPER: Kenny
PPEPAPED RV: Nick Childs W	NAMED WETCHT: 1/0 1bs P	AMMER DROP: 30 in

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION		
	FROM	TO	]				
	0	2	10"	67/	0-10": Sand (60%), fine; silt (20%); gravel and		
				100/4"	cobbles (20%); brown, poorly sorted, frozen.		
					Sample collected from auger.		
	2	2.5	5 "	100/5"	Cinder (60%); sand (20%); silt (20%); dark brown,		
					poorly sorted, frozen.		
	2.5	3	0	Drill			
	3	4	9"	17/8	3-3.5': Sand (50%); silt (45%); gravel (5%); brown,		
					poorly sorted.		
					3.5-4': Cinder (80%); sand (10%); silt (10%); black		
					poorly sorted, brick fragments, slight odor.		
	4	6	14"	5/4/	4-5.5': Same as above.		
,				4/5	5.5-6': Sand (80%), fine; silt (20%); orange tan,		
					moderately sorted, mica flakes.		
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BORING/WELL: 5B-10	PROJECT NO: NO360	SB1	PAGE: 1 of	1
SITE General Electric LOCATION: Pittsfield, MA	c DRILLING STARTED:	2/27/87 10:05	DRILLING COMPLETED:	2/27/87 10:30
TOTAL DEPTH HOLE DRILLED: 6 feet DIAM	TER: 6 inches	TYPE OF S	AMPLE/ VICE: Split	Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2' x 2'	SAMPLING INTERVAL:	2 fee	t	
LAND-SURFACE ELEVATION:	( ) SURVEYED ( ) ESTIMATE			
DRILLING FLUID USED: None	DRIL	LING METHOD	: Hollow St	em Auger
DRILLING CONTRACTOR: Soil & Mat'l	Testing DRILLER:	Dan	HELPER:	Kenny
PREPARED BY: Nick Childs	HAMMER WEIGHT:	140 lbs. H	LAMMER DROP:	30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW	SAMPLE/CORE DESCRIPTION
•	FROM	TO	7		
	0	2	24"	3/5/	05': Topsoil.
				9/10	.5-2': Sand (85%), medium; gravel (10%); silt (5%);
					tan, poorly sorted, mica.
	2	4	24"	13/11/	Sand (90%), medium-coarse; gravel (5%); silt (5%);
				8/8	tan with orange, gray and black staining,
					moderately sorted, mica.
	4	6	18"	5/7/	Same as above with greenish gray staining from
				5/3	4.5-5.5'.
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BORING/WELL: 5B-11 PROJEC	T NO: NO360SB1	PAGE: 1 of 1
SITE General Electric LOCATION: Pittsfield, MA	DRILLING 2/27/87 STARTED: 10:40	DRILLING 2/27/87 COMPLETED: 10:55
TOTAL DEPTH HOLE DRILLED: 6 feet DIAMETER: 6	TYPE OF S inches CORING DE	AMPLE/ VICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2' x 2"	SAMPLING INTERVAL: 2 fee	t
LAND-SURFACE ( ELEVATION: (	SURVEYED DATUM:	
DRILLING FLUID USED: None	DRILLING METHOD	: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l Testing	DRILLER: Dan	HELPER: Kenny
PREPARED BY: Nick Childs HAM	MER WEIGHT: 140 lbs. H	AMMER DROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	2	20"	1/5/	05': Topsoil.
				7/12	.5-2': Sand (85%), medium; gravel (10%); silt (5%);
					tan, poorly sorted, mica.
:	2	4	24"	11/10/	Sand (90%), medium-coarse; gravel (5%); silt (5%);
				12/11	tan grading into greenish gray, moderately sorted
	,				coarser with depth, mica.
	4	6	20*	10/8/	Sand (95%), coarse; silt (5%); gray, well sorted,
				8/6	mica.
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BORING/WELL: 5B-12 PROJECT NO: NO360SB1 PAGE: 1 of 1 DRILLING 2/27/87 STARTED: 11:20 DRILLING 2/27/87 COMPLETED: 11:35 General Electric LOCATION: Pittsfield, MA TOTAL DEPTH DRILLED: 6 feet TYPE OF SAMPLE/CORING DEVICE: Split Spoon HOLE DIAMETER: 6 inches LENGTH & DIAMETER OF CORING DEVICE: 2' x 2" SAMPLING INTERVAL: 2 feet LAND-SURFACE ELEVATION: ( ) SURVEYED ( ) ESTIMATED DATUM: DRILLING FLUID USED: None DRILLING METHOD: Hollow Stem Auger DRILLING CONTRACTOR: Soil & Mat'l Testing DRILLER: Dan HELPER: Kenny PREPARED RY. Nick Childe HAMMER WEIGHT: 140 lbs HAMMER DROP: 30 in

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
Ţ	FROM	TO	1		
	0	2	20"	4/8/	05': Topsoil.
				11/10	.575': Sand (95%), coarse; gravel (5%); gray,
					poorly sorted, mica.
					.75-2': Sand (85%), fine-medium; silt (10%); gravel
					(5%); tan, poorly sorted, mica.
	2	4	20"	9/8/	2-2.5': Same as above.
_				8/7	2.5-3': Sand (50%), fine; silt (50%); dark brown,
-		_			moderately sorted, mica.
	<del></del>				3-4': Sand (95%), medium; silt (5%); gray, well
					sorted mica.
	4	6	18"	5/3/	Sand (95%), coarse; silt (5%); gray, well sorted,
				4/5	mica.
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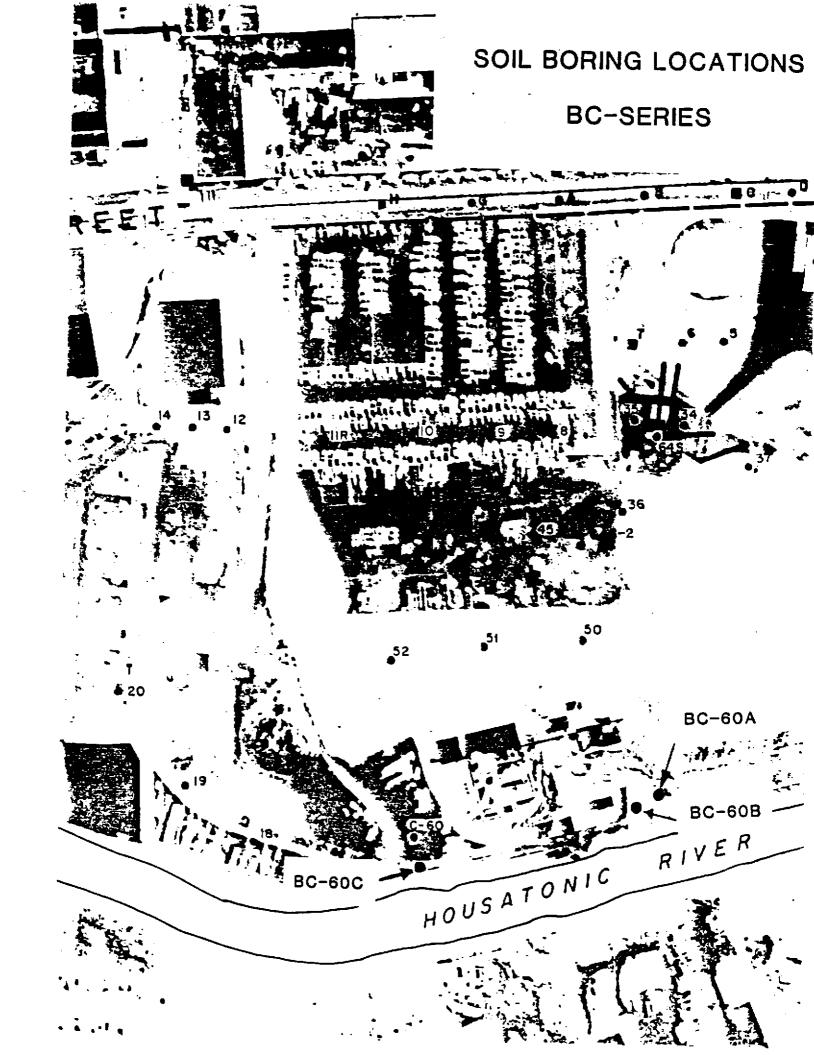
BORING/WELL: SB-13 PROJECT	NO: NO360SB1	PAGE: 1 of 1
SITE General Electric LOCATION: Pittsfield, MA	DRILLING 2/27/87 STARTED: 11:55	DRILLING 2/27/87 COMPLETED: 12:20
TOTAL DEPTH HOLE DRILLED: 6 feet DIAMETER: 6 in	TYPE OF S CORING DE	NAMPLE/ CVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2' x 2"	SAMPLING INTERVAL: 2 fee	t
LAND-SURFACE ( ELEVATION: (	SURVEYED DATUM:	
DRILLING FLUID USED: None	DRILLING METHOD	: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l Testing	DRILLER: Dan	HELPER: Kenny

PREPARED BY: Nick Childs HAMMER WEIGHT: 140 lbs. HAMMER DROP: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW	SAMPLE/CORE DESCRIPTION
	FROM	TO	]		
	0	. 5	0	Drill	Asphalt
	. 5	1	3*	100/3	Sand (60%), fine-medium; gravel (20%); silt (20%);
				Drill	tan, poorly sorted, frozen.
	1	2	12*	50/27	Same as above
	2	4	24"	8/5/	2-2.5': Same as above.
				5/5	2.5-4': Sand (75%), coarse; gravel (20%); silt (5%);
	_			<u> </u>	gray, poorly sorted, mica.
	4	6	18"	6/3/	4-5': Same as above
				4/4	5-6': Sand (85%), coarse; gravel, fine (10%); silt
					(5%); gray with orange staining from 5-5.5',
					moderately sorted, mica.
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BORING/WELL: 5B-14 PROJECT	NO: NO360	SB1	PAGE: 1 of	1
SITE General Electric LOCATION: Pittsfield, MA	DRILLING STARTED:	2/27/87 12:30	DRILLING COMPLETED:	2/27/87 13:05
TOTAL DEPTH HOLE DRILLED: 6 feet DIAMETER: 6 i	nches	TYPE OF S CORING DE	AMPLE/ VICE: Split	Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2' x 2"	SAMPLING INTERVAL:	. 2 fee	et	
LAND-SURFACE { ELEVATION: {	) SURVEYED ) ESTIMATE	D DATUM:		
DRILLING FLUID USED: None	DRIL	LING METHOD	: Hollow St	em Auger
DRILLING CONTRACTOR: Soil & Mat'l Testing	DRILLER:	Dan	HELPER:	Kenny
PREPARED BY: Nick Childs HAMM	ER WEIGHT:	140 lbs. H	LAMMER DROP:	30 in.

SAMPLE NO		SAMPLE DEPTH		BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	то			
	0	1	0	Drill	05': Asphalt.
					.5-1': Cobbles, sand, and silt; frozen.
	1	2	12"	53/41	Sand (90%), fine-medium; gravel (5%), fine; silt
					(5%); tan, poorly sorted, mica, frozen.
	2	4	16"	30/12/	2-2.5': Sand (90%), medium-coarse; gravel (5%); silt
				4/3	(5%); grayish tan, poorly sorted, mica, frozen.
					2.5-4': Sand (50%), fine; silt (45%); gravel (5%);
					brown with orange staining, poorly sorted, mica.
	4	6	24"	7/7/	4-4.5': Same as above.
				7/8	4.5-5.5': Silt (50%); sand (45%), fine; gravel (5%)
					gray turning to orange tan at 5, poorly sorted.
					5.5-6': Sand (50%), coarse; gravel (45%), fine; silt
					(5%); tan with orange staining, poorly sorted,
					mica.
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PROJECT NO: NO360WB2 PAGE: 1 of 1 BORING/WELL: BC-60A DRILLING STARTED: 5/15/87 DRILLING SITE COMPLETED: 5/15/87 LOCATION: Pittsfield, Area 2 TYPE OF SAMPLE/CORING DEVICE: split spoon TOTAL DEPTH DRILLED: 16 feet HOLE DIAMETER: 5-3/4 inches SAMPLING INTERVAL: 2 feet LENGTH & DIAMETER OF CORING DEVICE: 2'/2" LAND-SURFACE ELEVATION: -{ } SURVEYED { } ESTIMATED DATUM: -DRILLING FLUID USED: DRILLING METHOD: auger CONTRACTOR: Soil & Mat'l Testing DRILLER: Mike HELPER: Daryl

HAMMER WEIGHT: 140

HAMMER DROP: 30

PREPARED BY: W. Gray

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO			
	0	2			Removed, no spoon taken
	2	4	2.0	3-4-3-4	Fine sand and silt, light brown
	4	6	1.6	3-3-2-2	same as above
	6	8	2.0	3-1-2-3	same as above
_					3" medium sand, brown-gray
	8	10	1.5	2-2-2-3	Medium sand, gray
	10	12	1.3	3-2-2-3	same as above
	12	14	1.5	2-2-2-3	Coarse-medium sand, gray, slight odor,
					wet, oil sheen
	14	16	1.5	2-1-3-3	Coarse sand, some gravel, gray-black,
					wet, oil sheen, slight odor
					Water at 13.3'
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BORING/WELL: BC-60B PROJECT NO: NO360	WB2 PAGE: 1 of 1
SITE DRILLING LOCATION: Pittsfield, Area 2 DRILLING STARTED:	5/15/87 DRILLING COMPLETED: 5/15/87
TOTAL DEPTH HOLE DRILLED: 8 feet DIAMETER: 5-3/4 inches	TYPE OF SAMPLE/ CORING DEVICE: split spoon
LENGTH & DIAMETER SAMPLING OF CORING DEVICE: 2'/2" INTERVAL:	2 feet
LAND-SURFACE { } SURVEYED ELEVATION: - { } ESTIMATE	D DATUM: -
DRILLING FLUID USED: - DRIL	LING METHOD: auger
DRILLING CONTRACTOR: Soil & Mat'l Testing DRILLER:	Mike HELPER: Daryl
PREPARED BY: W. Gray HAMMER WEIGHT:	140 HAMMER DROP: 30

SAMPLE NO	· SAMI DEPT	SAMPLE CORE BLOW RECVRY COUNTS		BLOW COUNTS	SAMPLE/CORE DESCRIPTION		
:	FROM	TO	1				
	0	2			No spoon, dug out by hand		
	2	4	1.0	3-4-6-6	Gravel fill		
	4	6	0.2	5-5-3-3	Coarse sand, gravel, gray, odor		
	6	8	2.0	1-1-0-1	6" Medium-fine sand and silt, gray-brown		
					18* Fine sand and silt, black staining, odor		
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PROJECT NO: NO360WB2 PAGE: 1 of 1 BORING/WELL: BC-60C DRILLING DRILLING STARTED: 5/15/87 **COMPLETED:** 5/15/87 LOCATION: Pittsfield, Area 2 TYPE OF SAMPLE/ CORING DEVICE: split spoon TOTAL DEPTH DRILLED: 10 feet HOLE DIAMETER: 5-3/4 inches LENGTH & DIAMETER OF CORING DEVICE: 2'/2" SAMPLING INTERVAL: 2 feet LAND-SURFACE ELEVATION: { } SURVEYED { } ESTIMATED DATUM: -DRILLING FLUID USED: DRILLING METHOD: auger CONTRACTOR: Soil & Mat'l Testing DRILLER: Mike HELPER: Daryl PREPARED BY: W. Gray HAMMER WEIGHT: 140 HAMMER DROP: 30

SAMPLE NO	SAMI DEPT	SAMPLE CORE BI		BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	1		
	0	2	-	· <u>-</u>	No spoon, dug out large cobbles, soil
	2	4	0.3	5-4-2-3	Large gravel, sand, coarse-medium
	4	6	0.5	2-3-2-2	Coarse sand and gravel, brown gray at bottom
	6	8	1.5	1-0-1-2	Fine sand and silt, black staining, odor; sand and
					silt light brown
	8	10	0.6	2-3-7-7	Coarse sand, black staining, free oil, odor
· · · · · · · · · · · · · · · · · · ·					
	-				Water at 13'
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BORING WELL 53	PROJECT NO	D: NY360ST	<b>V</b> 01	PAGE:	1
SITE Area 2 LOCATION: General	Electric Co.	DRILLING STARTED:	12/15/87	DRILLI	NG TED: 12/16/87
TOTAL DEPTH DRILLED: 29 ft	HOLE DIAMETER: 8-1,	/4 in.	TYPE OF CORING I	SAMPLE/ EVICE:	Split Spoon
LENGIH & DIAMETER OF CORING DEVICE:	2 ft x 2 in.	SAMPLING INTERVAL:			
LAND-SURFACE ELEVATION:	{	SURVEYED ESTIMATE	: MUTAG	Land Sur	face.
DRILLING FILID USE	D: -	DRILL	LING METH	D: Hollo	v Stem Auger
DRILLING CONTRACTOR: Soil &	Mat'l. Testing	DRILLER:	Mike	HELP	R: Kenny
PREPARED BY: R. E	y HAMMI	R WEIGHT:	140 lb.	HAMMER DE	80P: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	]		
	0	5	-	-	Gravel, sand brick and concrete fragments (fill
					material), no sample taken.
	5	7	1.5	41-10-	Sand (100%), medium tan, well sorted.
				8-12	
	7	9	1.5	8-7	Sand (100%), medium, rounded, well sorted, tan to
			,	6-7	light brown.
	9	11	1.5	7-6-	Sand (100%), medium to fine, tan to gray, with iron
				8-8	staining, well sorted, slightly coarser with
					depth.
	11	13	1.8	4-5-	Sand (97%), medium/fine, light brown to gray, some
				4-6	iron staining. Clay (3%), gray, occurring in thin
					layers.
	13	15	1.5	6-5-	Sand (100%), medium to coarse, light gray/brown, well
				66	sorted lower .2' wet.
	15	17	1.5	4-4-	Sand (60%), coarse, gray sand (40%) medium gray, wet
				4-5	saturated. Note: water table approximately 15 ft.
	17	19	.5	3-4-	Sand (100%), coarse to medium, dark gray.
				56	
	19	21	1.7	4-7-	Sand (100%), coarse to medium, gray.
				8-8	
	26	28	.5	9-8-	Gravel (60%), angular, poorly sorted; sand (25%),
				11-13	coarse; sand (10%), fine; silt/clay (<5%) lower
					portion of sample lost, broken spring retainer.



1

# **WELL CONSTRUCTION LOG**

0 [7] 3"	Project GE - Slurry Wall Well 53
ft LAND SURFACE	Town/City Pittsfield
N N	County Berkshire State MA
ИИ	Permit No. KA
8 inch dismeter	Land-Surface Elevation
drilled hole	and Datumfeet
Well casing,	□ Estimated
PVC inch diameter.	Installation Date(s) 12/16/87
	Drilling Method Auger
Backfill Grout _cement/bentonite	Drilling Contractor SMT
Group Group General CE	1
aa.	Drilling Fluid
6 n.	Bank Tankshalamatah and Bassiah
Bentonite 🖾 sturry	Development Technique(s) and Date(s) Pumping - 12/29/87
7 tt* pellets	
	Physical Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of t
8h•	Fluid Loss During Drilling gallons
	Water Removed During Development 130 gallons
Well Screen,  2 inch diameter	Static Depth to Waterfeet below M.P.
PVC 10 slot	Pumping Depth to Waterfeet below M.P.
· · · · · · · · · · · · · · · · · · ·	Pumping Durationhours
Gravel Pack	Yieldgpm Date
Sand Pack	Specific Capacity gpm/ft
Well Screen.  2 inch diameter PVC 10 slot  Gravel Pack Sand Pack Formation Collapse	Well Purpose Monitoring
P1114	
20 h.	
	Remarks
Measuring Point is	
Top of Well Casing	
Unless Otherwise Noted.	
*Depth Below Land Surface	
	Prepared by D. Colton



# WELL CONSTRUCTION LOG

0	Project GE - Slurry Wall	Marall SS
Ft LAND NUMBERCE	TownCity Pittsfield	Well
LAND SURFACE	County Berkshire	State MA
8 inch diameter	Permit No. NA	<del>ماری ماری ا</del>
drillied hole inch diameter	Land-Gurface Elevation	
Well casing.	and Datum feet	☐ Surveyed ☐ Estimated
PVC inch diameter	Installation Date(s) 12/22/87	
Backfill	Drilling Method Auger	
Grout Cement/bentonit	Brilling Contractor SMT	
5 11-	Drilling Fluid	
Bentonite XX sturry  6 It - peliets	Development Technique(s) and Date(s) Pumping - 12/29/87	
7_n•	Fluid Loss During Drilling	gallon
<b>WEW</b> "	AASTER LEELIGAST DRIVING DEASIGHTING	Ballou:
Well Screen.	Static Depth to Water15.2	feet below M.P
PVC inch diameter	Pumping Depth to Water	
	Pumping Duration hou	urs Date
Gravel Pack Sand Pack	Specific Capacity	<del></del>
Well Screen.  PVC inch diameter PVC 10 slot  Gravel Pack Sand Pack Formation Collapse	Well Purpose Manitaring	
27n·		
	Remarks	
Manager W. C. C.		
Measuring Point is  Top of Well Casing  Unless Otherwise Noted.		
•		<b>.</b>
*Depth Below Land Surface	Prepared by D. Colton	



# WELL CONSTRUCTION LOG

_		THOUSEN TED)	
<b>u</b>			
p.	0	·	
6	Tre	Project GE - Slurry Wall	
T.	LAND SURFACE	Town/City Pittsfield	Well 53
ď	ИИ	County Berkshire	
Į.	drilled hale inch diameter	Permit No. NA	StateMA
<b>.</b>	drilled hole	Land-Surface Elevation	<del></del>
	May and	and Datumfeet	<b>7</b> .0
	Well casing,		□ Surveyed
r	PVC inch diameter,	Installation Date(s) 12/16/87	☐ Estimated
r	Backfill Grout _cement/bentonite	Drilling Method Auger	
L	Gement/Bentonite		
	$MM_{6}$	Drilling Fluid	
	6 R.		
	Bentonite Z sturry	Development Technique(s) and Date(s)	
	† □ pellets	Pumping - 12/29/87	
}	8fr·	Fluid Loss During Orifling Water Removed During Development 13	calle
	Well Screen,		1 3
	PVC inch diameter	, '' ''—''	
	Well Screen,  PVC inch diameter  PVC 10 slot  Gravel Pack Sand Pack Formation Collarse		feet below M.F.
	Gravel Pack	Pumping Duration hours Yield gpm	
	Sand Pack	Specific Censors	Date
	Formation Collapse	Specific Capacity gpm//	tt
	28	.ion con the	
	n·		
		Remarks	
	·		
	<u>.</u>		
	Measuring Point is Top of Well Casing		
	Unless Otherwise Noted.		
	*Depth Below Land Surface		
	ı	Prepared by D. Colton	

BORING MELL 54	PROJECT NO: NY3605	TWO1 I	PAGE: 1	
SITE Area 2 LOCATION: General Elect	ric Co. DRILLING	12/16/87	DRILLING COMPLETED	: 12/21/87
TOTAL DEPTH HOLD DRILLED: 28 ft DIA	E METER: 8-1/4 in.	TYPE OF S	EAMPLE/ VICE: Sp	lit Spoon
LENGIH & DIAMETER OF CORING DEVICE: 2 ft :	SAMPLING K 2 in. INTERVAL:	continuous	5 to 17 f	<b>.</b>
LAND-SURFACE ELEVATION:	( ) SURVEYET ( ) ESTIMATE		and Surfac	e
DRILLING FLUID USED:	- DRII	LING METHOD	: Hollow S	tem Auger
DRILLING CONTRACTOR: Soil & Mat'	l. Testing DRILLER:	Mike	HELPER:	Kenny
PREPARED BY: R. Eby	HAMMER WEIGHT:	140 lb. H	AMMER DROP	: 30 in.

SAMPLE NO	SAMPLE DEPTH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION	
	FROM	TO				
	0	5	-	-	Gravel - sand - clay (poorly sorted, fill), no samp.	
					taken.	
	5	7	1.0	8-13-	Gravel (40%); sand (40%), coarse; sand (20%), fine.	
				18-11	Poorly sorted, sample contains ash and fragments	
					of brick (fill).	
	7	9	1.0	7-4-	Gravel (70%); sand (20%), coarse; sand (10%) fine;	
				5-4	sample contains brick and cinder fragments (fill)	
	9	11	1.5	4-3-	Sand (60%), fine; silt (20%); clay (20%); tan to	
				2-1	light brown well sorted fine sand from 9-10 feet.	
					Finer silt/clay from 10-11 feet (natural	
					formation).	
	11	13	1.5	2-2-	Sand (60%), coarse; sand (25%), fine; silt/clay	
				3-3	(15%), gray to light brown, coarsens downward,	
					moist near bottom.	
	13	15	1.5	2-3-	Sand (90%), coarse; sand (10%) fine; organic debris,	
				4-4	wood (trace); tan to gray, lower half of sample	
]					saturated, slightly oily odor. Note: Water tab	
					approximately 14 ft.	
	15	17	1.5	-	Sand (90%), coarse; sand (5%) fine; organic debris	
					(5%); fairly well sorted, rounded, tan to gray,	
					slightly oily odor.	

BORING WELL 55 PRO	JECT NO: NY360SW01	PAGE: 1
SITE Area 2 LOCATION: General Electric	DRITLING STARTED: 12/21/	ORILLING OMPLETED: 12/21/87
TOTAL DEPTH HOLE DRILLED: 29 ft DIAMETE	R: 8-1/4 in. CORD	OF SAMPLE/ IG DEVICE: Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x 2	SAMPLING in. INTERVAL: cont	inuous 5 - 19 ft
LAND-SURFACE ELEVATION:	SURVEYED DATE	M: Land Surface
DRILLING FLUID USED: -	DRILLING ME	THOD: Hollow Stem Auger
DRILLING CONTRACTOR: Soil & Mat'l. Te	esting DRILLER: Mike	HELPER: Kenny
PREPARED BY: R. Eby	HAMMER WEIGHT: 140 11	. HAMMER DROP: 30 in.

SAMPLE NO	SAMPLE DEPIH		CORE RECVRY	BLOW COUNTS	SAMPLE/CORE DESCRIPTION
	FROM	TO	]		
	0	5	-	-	Sand, some gravel, no sample taken (fill?).
	5	7	1.5	3-4-	Sand (90%), fine; gravel (10%); gravel at bottom of
				5-5	sample, tan - light brown.
	7	9	.5	6-7-	Sand (50%), coarse; gravel (50%), with some large
				6 <del>-6</del>	pebbles, poorly sorted.
	9	11	1.5	4-3-	Sand (50%), coarse; gravel (50%), some large pebbles
	- · · · · · · · ·			3-4	poorly sorted.
	11	13	1.5	6-4-	Sand (40%), medium to fine; sand (20%), coarse;
	· · · · · · · · · · · · · · · · · · ·			5-5	gravel (20%) some large pebbles, poorly sorted,
					greenish brown, moist near bottom, slightly oily.
	13	14	.5	6-4	Sand (100%) medium, well sorted, moist, oily, oily
					odor.
	14	15	.5	55	Sand (50%), coarse; gravel (50%), with some large
					pebbles; poorly sorted, oily, oily odor, wet
					(saturated).
	15	17	2.0	5-5-	Sand (90%), medium to coarse, gravel (10%); gray,
				5-5	poorly sorted near top, sand mixed with gravel
					grading into well sorted sand, upper .5' saturate
					with oil, oily odor.
	17	19	2.0	3-16-	Sand (80%), coarse, sand (15%), medium; gravel (5%)
		· · · · · · · · · · · · · · · · · · ·		15-17	quartz pebbles, gray, poorly sorted.

BORING WELL 56	PROJECT NO	: NY3605W	701	PAGE:	1
SITE Area 2 LOCATION: General	Electric Co.	DRILLING STARTED:	12/22/87	DRILLI COMPLE	NG TED: 12/22/87
TOTAL DEPTH DRILLED: 29 ft	HOLE DIAMETER: 8-1/	4 in.	TYPE OF	SAMPLE/ EVICE:	Split Spoon
LENGIH & DIAMETER OF CORING DEVICE:	2 ft x 2 in.	SAMPLING INTERVAL:			
IAND-SURFACE ELEVATION:	. {}	SURVEYED ESTIMATED	DATUM:	Land Su	rface
DRILLING FILID USE	D: -	DRILL	ing meiho	D: Hollo	w Stem Auger
DRILLING CONTRACTOR: Soil &	Mat'l. Testing	DRILLER:	Mike	HELP	ER: Kenny
PREPARED BY: R. ED	y HAMME	R WEIGHT:	140 lb.	HAMMER D	ROP: 30 in.

SAMPLE NO		SAMPLE DEPTH		BLOW	SAMPLE/CORE DESCRIPTION
	FROM	TO		ļ	
	0	5	-	-	Sand, gravel, clay with fragments of brick and wood
					no sample taken (fill).
	5	7	1.5	3-3-	Clay (70%), greenish brown; silt (25%); sand (5%)
				3-3	coarse with trace of gravel.
	7	9	2.0	3-2-	Sand (60%), fine; silt (30%); clay (5%); gravel (5%)
				3-3	Tan to light brown, some iron staining and trace
					organic matter. Upper part of sample is gravel
					mixed with clay. Remainder is well sorted
					sand/silt with same hard packed clay on very
					bottom.
	9	11	1.5	3-4-	Sand (60%), medium to fine; clay (15%); gravel (10%)
				10-10	sand (5%), coarse. Upper portion hard packed cla
					with gravel. Trace organic matter and iron
					staining. Remainder of sample is medium/fine we
					sorted sand which grades into coarse sand and
					gravel. 1" diameter peoble lodged in end of
					spoon.
	11	13	1.5	6-10-	Sand (50%), coarse; gravel (45%) with some large
				9-10	pebbles; silt (5%); poorly sorted, iron stained
					near top, oily odor.
	13	15	1.5	7-6-	Sand (55%), coarse; gravel (45%), with some large
				4-6	pebbles; poorly sorted, saturated with oil, lower
					0.3 oil stained.
				أديب ويسترسي	<u></u>

# SAMPLE/CORE LOG (Cont.d)

BORING WELL: 56

PREPARED BY:

R. Eby

PAGE:

2

FROM TO  15 17 1.5 6-7- Sand (90%), coarse; gravel (10%), with s 6-6 dark oil stain on upper 1.0' of sam with yellow/brown oil.  17 19 2.0 5-6- Sand (90%), coarse; gravel (10%), with 9-9 upper 1.0' of sample saturated with 1.0' water.	mple, saturate
6-6 dark oil stain on upper 1.0' of sam with yellow/brown oil.  17 19 2.0 5-6- Sand (90%), coarse; gravel (10%), with 9-9 upper 1.0' of sample saturated with	mple, saturate
with yellow/brown oil.   17   19   2.0   5-6-   Sand (90%), coarse; gravel (10%), with   9-9   upper 1.0' of sample saturated with	same pebbles
17 19 2.0 5-6- Sand (90%), coarse; gravel (10%), with 9-9 upper 1.0' of sample saturated with	
9-9 upper 1.0' of sample saturated with	
	oil, lower
1.0' water.	



# WELL CONSTRUCTION LOG

0		<b></b>	
∏ F _t	ProjectG Town/CityP	E - Slurry Wall	Well56
LAND SURFACE	Town/City	kchire	State MA
ИИ	•	NA	
8 inch diameter			
drilled hole	Land-Surface Ele	_ · <del>_</del> _ ·	
	and Datum	feet	•
Well casing, 2 inch diameter		12/22/97	☐ Estimated
PVC inch diameter,	Installation Date(	12/22/87	
Backfill	_		
Grout Cement/bentonite	_		
	Drilling Fluid		
5 n-	<del></del>		
	•	chnique(s) and Date(s)	
Bentonite XX sturry  tr  peliets	Pumpy	ng - 12/29/87	
	<del></del>	<del></del>	
	Fluid Loss During	Drilling	150 galic
	AARTEL MEHIDAGO	Satus Pavaloblubus	
Well Screen.  PVC inch diameter PVC 10 slot  Gravel Pack Sand Pack Formation Collapse	Static Depth to W	ater15.2	feet below M.
PVC inch diameter 10 slot	Pumping Depth to	o Water	feet below M.
	. •	n to	LIE
Gravel Pack	Yield		Date
Sand Pack	Specific Capacity	MandAnuda	. gpm/ft
Formation Collapse	Well Purpose	Monitoring	
₩ <b>=</b> ₩?			
27h·			
•	Remarks	_	
,			
	<u></u>		
Measuring Point is	<u></u>		
Top of Well Casing		· · · · · · · · · · · · · · · · · · ·	
Unless Otherwise Noted.		<del></del> ,	
*Depth Below Land Surface			
1	Prepared t	y D. Colton	

BORING WELL: 57	PROJECT NO: NY360S	WO1 PAGE:	1
SITE Area 2 LOCATION: General Elec	tric Co. DRILLING STARTED:		ING ETED: 12/28/87
TOTAL DEPTH HO DRILLED: 30 ft DI	LE AMETER: 8-1/4 in.	TYPE OF SAMPLE, CORING DEVICE:	Split Spoon
LENGTH & DIAMETER OF CORING DEVICE: 2 ft	x 2 in. SAMPLING INTERVAL:	continuous 5 -	- 21
LAND-SURFACE ELEVATION:	( ) SURVEYED ( ) ESTIMATE		erface -
DRILLING FINID USED:	- DRILL	LING METHOD: Holl	ow Stem Auger
DRILLING CONTRACTOR: Soil & Mat	'l. Testing DRILLER:	Mike HEI	PER: Kenny
PREPARED BY: R. Eby		140 lb. HAMMER	

SAMPLE NO	SAM DEP		E CORE RECVRY	BLOW	SAMPLE/CORE DESCRIPTION		
	FROM	OT					
	0	5	_	-	Bentonite, gravel, sand, clay, fill and bentonite		
					slurry mixture, no sample taken.		
	5	7	.5	10-7-	Gravel (55%), with some large pebbles; clay (25%),		
				6-7	sand (20%), medium (fill).		
	7	9	.5	11-9-	Clay (50%); gravel (25%); sand (25%); (fill).		
				5-4			
	9	11	1.0	4-4-	Sand (60%), medium, silt (30%); organic matter (5%),		
				5-4	gravel (5%); light brown, poorly sorted. At very		
					bottom dark organic matter containing wood and		
					plant fragments (fill?).		
	11	13	1.0	7-10-	Sand (50%), medium; gravel (30%); sand (10%) coarse;		
				12-13	cinders/ash (10%); black, oily odor.		
	13	15	1.5	8-31-	Gravel (55%); cinders/ash (30%); sand (15%) medium;		
				21-21	black (oil stain?), strong odor of oil.		
	15	17	1.0	10-11-	Gravel (75%), with numerous large pebbles; sand		
				20-23	(15%), coarse; sand (10%), medium; dark gray to		
	-				black, saturated with oil.		
	17	19	2.0	5-8-	Gravel (65%), with large peobles; sand (35%). coarse		
				3-7	Poorly sorted, saturated with oil.		
	19	21	2.0	6-4-	Sand (95%), coarse; gravel (5%), coarse; appears to		
				5-9	be water saturated but sediments are dark gray/		
					black giving the appearance of oil staining.		
		<del></del>					

BORING/WELL: 58 PROJECT NO: NY360SW01 PAGE: 1	
SITE Area 2 DRILLING LOCATION: General Electric Co. STARTED: 1/4/88 COMPLETED: 1/4/88	
TOTAL DEPTH HOLE TYPE OF SAMPLE/ DRILLED: 30 ft DIAMETER: 8-1/4 in. TYPE OF SAMPLE/ CORING DEVICE: Split Spoon	
LENGTH & DIAMETER OF CORING DEVICE: 2 ft x 2 in. SAMPLING INTERVAL: continuous 5 - 19 ft	
LAND-SURFACE ( ) SURVEYED ELEVATION: ( ) ESTIMATED DATUM: Land Surface	
DRILLING FIUID USED: - DRILLING METHOD: Hollow Stem Auger	
DRILLING CONTRACTOR: Soil & Mat'l. Testing DRILLER: Mike HELPER: Kenny	
PREPARED BY: R. EDY HAMMER WEIGHT: 140 lb. HAMMER DROP: 30 in.	

SAMPLE NO	SAM DEP	PLE TH	CORE	BLOW	SAMPLE/CORE DESCRIPTION
	FROM	TO		<u> </u> 	
	0	5	T -	-	Gravel, sand, clay (fill), no sample taken.
	5	7	.3	1-4-	Sand (40%), fine; gravel (40%) with some large
				2-4	pebbles; sand (20%), coarse. Poorly sorted fill
		1			with trace of bentonite slurry material.
	7	9	1.5	9-8-	Sand (90%), fine; gravel (5%); sand (5%), coarse.
		Ţ		9-9	Sand with occasional gravel, tan to gray with i
					staining, some bentonite trapped from above.
	9	11	1.5	10-10	Sand (75%), fine to medium; silt (15%); clay (10%)
				11-11	upper 0.4' fine, tan, well sorted sand with iro
					staining, grading into medium gray sand, lower
					0.2' tan/brown, silty clay.
	11	13	1.5	7-7-	Sand (100%), fine to medium; fine, tan, sand gradi
				9-9	into gray, medium, sand with depth, some iron
					staining, most of sample is wet.
	13	15	1.5	3-4-	Sand (98%), fine; silt (trace); coarse sand (trace
				5~6	Uniform fine sand, tan near top, (upper .3'),
					grades into well sorted gray sand (saturated wi
					water).
	15	17	1.5	6-6-	Sand (100%), fine, well sorted, greenish brown, bl
	1			7 <del>~9</del>	oil stain (0.3' thick) at 16.0', some oil, oily
					odor.
Î					

# SAMPLE/CORE LOG (Cont.d)

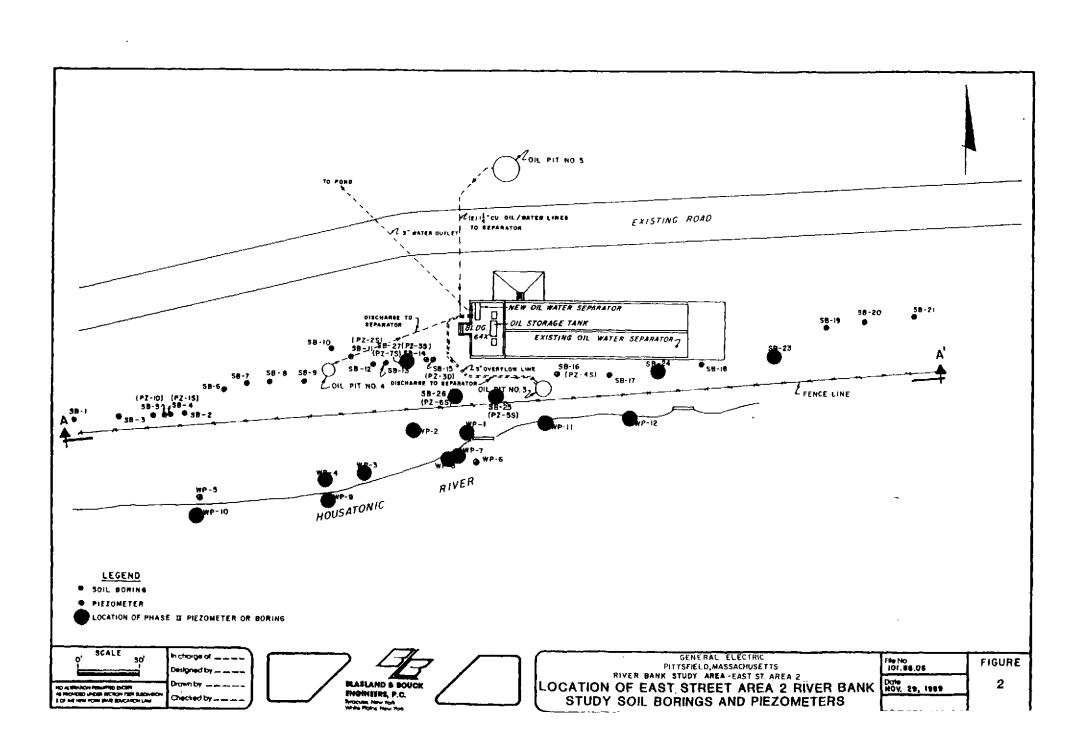
BORING WELL)

PREPARED BY:

R. Eby

PAGE: 2

SAMPLE	F SAMPLE		<del></del>		T				
NO		PLE TH	RECVRY	oounts	SAMPLE/CORE DESCRIPTION				
	FROM	70	1						
	17	19	1.5	5-5-	Sand (65%), coarse; gravel (30%); silt (5%); upper				
				45	0.4' well sorted coarse sand, underlain by 0.1'				
		<u> </u>			clayey silt layer. Lower 1' of sample (18' - 19				
					poorly sorted gravel and coarse sand, water				
			}		saturated with oily sheen.				
	<del></del>								
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PROJECT:	GE-Pittsfiel	d, Area 2		. 0	RILL TYPE: Hollow Stem Auger			
PROJECT I	NO:10	1.86	<del></del>	8	OREHOLE DIAMETER: 7.5			
DATE:	10/23/89	80 80 800 800	<del>_</del>	BOTTOM OF BORING (BOB): 20:				
BORING N	O: <u>S</u> 8	<u>-1</u>		s	AMPLER TYPE: Split spoon			
RECORDE	D BY: <u>Je</u>	mes A. Schae	<u>fer</u>	W	EATHER: Sunny			
DRILLER: _	Soil and Ma	aterial Testing						
SAMPLE NO.	DEPTH FROM-TO (ft)	RECOV.	NO. OF BLOWS Per 6"		SAMPLE DESCRIPTION			
1	0-2"	1.3'	2,4,6,7	07"	Grass and leaf litter, dark brown organic top soil.			
				.7-2	Fine silty sand with a trace of clay and gravel.  Tan/gray in color. No odor; moist.			
2	2-4'	2	7,7,6,7		Tan to gray fine sand; no odor; dry.			
3	4-6	1.5	6,9,7,6		Same as above; moist at tip.			
4	6-8'	1.7	6,6,6,8		Same as above.			
5	8-10'	1.5'	9,5,5,6	8.5-9.6 9.6-10	Same as above. Fine to medium sand with trace of gravel thin layer of stained coarse sand and gravel (Fe stained).			
6	10-12'	1.3'	5,7,9,10		Fine to medium gray/brown sand with some cobble chips; dry.			
7	12-14'	1.3'	9,8,7,7		Medium to coarse sand, some gravel and cobble chips.			
8	14-16	1.3'	7,10,10,11		Medium to coarse gray (with some Fe stain banding) sand and gravel; wet; no odor; trace cobbles.			

Remarks: Water table approximately 14' below land surface

PROJECT:	GE-Pittsfield	d. Area 2	<del></del>		DRILL TYPE: Hollow Stem Auger
PROJECT	NO: <u>101</u>	.86			BOREHOLE DIAMETER: 7.5
DATE:	10/24/89				BOTTOM OF BORING (BOB): _20'
BORING N	10: <u>SB</u>	-1			SAMPLER TYPE: Split spoon
RECORDE	D BY:Ja	mes A. Sch	aeler		WEATHER: Sunny
DAILLEA:	Soil and Ma	terial Testin	<u>a</u>		
SAMPLE NO.	DEPTH FROM-TO (ft)		NO. OF BLOWS Per 6*		SAMPLE DESCRIPTION
9	16-18'	1.1'	8,7,6,6		Gray to brown coarse sand, some medium sand-trace gravel; wet; no odor.
10	18-20'	2.0'	7,6,3,4	18.0-18.6' 18.6-2.0'	Coarse sand with some gravel. Gray fine silt; no odor; wet.
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Remarks:

PROJECT:	GE-Pittsfield	d, Area 2	<del></del>		DRILL TYPE: Hollow Stem Auger
PROJECT	NO:101	.86	<del></del>		BOREHOLE DIAMETER: 7.5
DATE:	10/23/89		v <del></del>		BOTTOM OF BORING (BOB); _22_
BORING N	10: <u>SB</u>	-2			SAMPLER TYPE: Split spoon
RECORDE	D BY: <u>Ja</u>	mes A. Scha	eter		WEATHER: Sunny
DRILLER:	Soil and Ma	terial Testing			
SAMPLE NO.	DEPTH FROM-TO (ft)	RECOV. (ft)	NO. OF BLOWS Per 6		SAMPLE DESCRIPTION
1	0-2	2	1,3,3,3	0-2 26 .6-2	Leafs and grass, dark brown organic top soil.  Dark brown top soil.  Fine gray/brown sand; dry; no odor.
2	2-4'	1.4'	2,3,2,5		Same as above.
3	4-6'	1.2"	6,10,8,8	4.3-5.1° 5.1-6°	Medium to coarse sand; gray/brown in color; dry; no odor. Brown medium sand; dry, no odor.
4	6-8'	12	15,32,35,32		Fine to medium brown sand; gravel with pieces of calcium carbonate bearing rock; dry; no odor.
5	8-10'	.8'	15,30,20,14		Brown to buff fine sand with some gravel; .4' layer of powdery limestone.
6	10-12	12	10,6,6,20		Gray/brown medium sand; some gravel; trace cobble chips; no odor.
7	12-14'	0	17,10,9,11		No recovery.
8	14-16	1.5'	12,11,10,11	14.5-15	Brown fine sand with some medium sand; moist; no odor.
				15-15.5	Medium to coarse black/brown sand; some gravel; oilly odor; wet.
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PROJECT:	GE-Pittsfiel	d, Area 2	_ <del></del>	-	DRILL TYPE: Hollow Stem Auger
PROJECT	NO:101	.86			BOREHOLE DIAMETER:7.5"
DATE:	10/23/89	· · · · · · · · · · · · · · · · · · ·	<del></del>		BOTTOM OF BORING (BOB): 22
BORING N	10: <u> </u>	-2			SAMPLER TYPE: Split spoon
RECORDE	D BY:la	mes A. Sch	aeler		WEATHER: Sunny
DRILLER:	Soil and Ma	terial Testino	<b></b>		
SAMPLE NO.	DEPTH FROM-TO (ft)	RECOV. (ft)	NO. OF BLOWS Per 6°		SAMPLE DESCRIPTION
9	16-18"	0.8'	10,9,10,10		Gray/brown medium to coarse sand; oilly odor wet.
10	18-20	2.0°	8,9,10,9		Gray to brown medium to coarse sand; some gravel; oilly wet spoon. Sitty sand with some medium coarse sand oilly.
11	20-22	20	9,9,9,13	20-21.2	Gray/brown medium to coarse oilly sand; wet odor.
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Remarks: Water approximately at 14.5' below land surface.

GE-Pittsfiek	l, Area 2	<del></del>	DRILL TYPE: Hollow Stem Auger	
NO: <u>101</u>	.86		BOREHOLE DIAMETER: 7.5	
10/24/89		<del></del>	BOTTOM OF BORING (BOB); 20'	
O:\$B	3	<del></del>	SAMPLER TYPE: Split spoon	
D BY:la	mes A. Scha	aeler	WEATHER: _Sunny	
Soil and Ma	terial Testino	<b>1</b>		
DEPTH FROM-TO (ft)	RECOV. (ft)	NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION	
0-2	1.7	1,3,2,3	Tan fine sand with some silt.	
2-4'	2	1,2,3,3	Same as above.	
4-6	1.5'	4,4,5,6	Same as above; poorly sorted medium coarse sand at bottom .5'.	
6-8'	.4'	4,4,6,11	Medium to coarse poorly sorted sand; Fe banding.	
8-10"	.9	11,14,12,12	Same as above.	
10-12	1.0	9,9,9,12	Medium to coarse sand with some gravel; cobble chips; dry; no odor.	
12-14'	1.4'	12,12,10,8	Medium to coarse poorty sorted brown sand.	
14-16	1 <i>2</i>	10,12,18,18	Poorly sorted brown coarse sand with some gravel and cobble chips. Fe stained bands throughout; moist; no odor.	
16-18'	1.0	18,18,16,17	Gray brown medium sand; some coarse sand earthy odor; wet.	
18-20	1.4'	9,9,9,8	Gray brown medium sand with some coarse sand; lightly stained; slight odor.	
	NO:	NO:	O:SB-3  D BY:James A Schaefer  Soil and Material Testing  DEPTH RECOV. NO. OF BLOWS Per 6'  0-2' 1.7' 1,3,2,3  2-4' 2' 1,2,3,3  4-6' 1.5' 4,4,5,6  6-8' .4' 4,4,6,11  8-10' .9' 11,14,12,12  10-12' 1.0' 9,9,9,12  12-14' 1.4' 12,12,10,8  14-16' 1.2' 10,12,18,18	

PROJECT:	GF-Pittsfiel	d. Area 2			DRILL TYPE: Hollow Stem Auger
		.86			BOREHOLE DIAMETER: 7.5
	10/23/89				BOTTOM OF BORING (BOB): 22
BORING N	(O:SB	-4 (PZ-1S)			SAMPLER TYPE: Split spoon
RECORDE	D BY:Ja	mes A. Schae	ier		WEATHER: Sunny
DRILLER:	Soil and Ma	terial Testing			
SAMPLE NO.	DEPTH FROM-TO (ft)	RECOV. (ft)	NO. OF BLOWS Per 6"		SAMPLE DESCRIPTION
1	0-2	1.5'	1,2,7,3		Tan fine sand, some silt; dry; no odor.
2	2-4'	1.7'	1,2,2,3	3.5-3. <i>T</i>	Same as above. Coarse sand and gravel.
3	4-6	1.0'	3,4,4,5		Tan/brown medium sand with some coarse sand; trace gravel; dry; no odor.
4	6-8'	1.7'	7,8,8,13		Brown medium coarse sand; cobble chips; poorly sorted sand and gravel.
5	8-10'	1.8'	20,35,20,9	8.2-9.6° 9.6-10°	Same as above. White powdery limestone; no odor; dry.
6	10-12'	1.2	10,9,7,9	10.8-11.5' 11.5-12'	Same as (6-8'). Reddish brown, medium sand with some white limestone flakes throughout; slightly moist.
7	12-14'	1.5'	7,9,10,16		Gray/brown medium sand with some fine sand; coarse sand and gravel at bottom .4'; moist.
8	14-16'	1.3'	10,10,17,9		Gray/brown medium sand with some gravel; oilly odor; dark gray at bottom .3; wet (saturated).

Remarks: Water table approximately at 14' below land surface.

PROJECT:	GE-Pittsfield	d, Area 2		-	DRILL TYPE: Hollow Stem Auger
PROJECT	NO: <u>101</u>	.86			BOREHOLE DIAMETER: 7.5
DATE:	10/23/89				BOTTOM OF BORING (BOB): 22
BORING N	10: <u>\$8</u>	-4 (PZ-1S)			SAMPLER TYPE: Split spoon
RECORDE	D BY:Ja	mes A. Scha	efer		WEATHER: Sunny
DRILLER:	Soil and Ma	iterial Testino	<u> </u>		
SAMPLE NO.	DEPTH FROM-TO (ft)	RECOV. (ft)	NO. OF BLOWS Per 6°		SAMPLE DESCRIPTION
9	16-18	1.0	10,13,11,11	17-17.5	
				17.5-18	odor; trace gravel.  Fine to medium sand with some silt; wet; oill odor.
10	18-20'	1.0'	10,10,10,11		Brown/dark brown medium to coarse sand oilly odor; wet; dark brown at bottom .4'
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Remarks: Water table approximately at 14' below land surface.

PROJECT:	GE-Pittsfield	d, Area 2	DRILL TYPE: Hollow Stem Auger		
PROJECT I	NO:101	.86			BOREHOLE DIAMETER: 7.5
DATE:	10/24/89		BOTTOM OF BORING (BOB): 25		
BORING N	O: <u>SB</u>	-5. (PZ-1D)			SAMPLER TYPE: Split spoon
RECORDE	D BY:Ja	mes A. Schael	ier		WEATHER: Sunny and cool; 60's
DRILLER:	Soil and Ma	iterial Testing	<del></del>		
SAMPLE NO.	DEPTH FROM-TO (ft)		NO. OF BLOWS Per 6"		SAMPLE DESCRIPTION
1	0-2"	1.3'	7,8,8,7		Tan/brown fine sand; well sorted; some powdery silt; dry; no odor.
2	2-4'	1.0'	2,3,3,4		Same as above.
3	4-6'	.9'	3,3,4,5		Poorly sorted sand and gravel; some tan fine sand; cobble chips; dry; no odor.
4	6-8'	1.0°	7,8,8,10		Mostly coarse gravel with some medium sand; cobbles; dry; no odor.
5	8-10°	1.0'	12,14,15,17		Brown poorly sorted sand and gravel; white cobble chips; dry; no odor.
6	10-12	1.5'	17,17,13,14		Poorly sorted medium/coarse sand; brown to tan in color, some gravel and cobble chips; dry; no odor.
7	12-14'	2.0'	10,9,8,8	12-13.6' 13.6-14'	Brown medium sand; some gravel; dry.  Medium sand with some coarse sand; slight odor; moist.
8	14-16	1.1'	10,11,10,12	14.9-15.5 15.5-16	Brown fine sand, some coarse sand; moist; slight odor. Poorly sorted medium/coarse sand; trace gravel; odor; wet.

PROJECT:	: <u>GE-Pittsfiel</u>	d. Area 2		DRILL TYPE: Hollow Stern Auger
PROJECT	NO:101	1,86	<del></del>	BOREHOLE DIAMETER: 7.5°
DATE:	10/24/89			BOTTOM OF BORING (BOB): 25'
BORING N	VO:S8	-5 (PZ-1D)	<del></del>	SAMPLER TYPE: Split spoon
RECORDE	ED BY:Je	mes A. Sch	seter	WEATHER: Sunny and cool; 60's
DRILLER:	Soil and Ma	aterial Testin	2	
SAMPLE NO.	DEPTH FROM-TO (fl)	RECOV.	NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION
9	16-18;	1.8'	13,13,11,13	Dark brown poorly sorted medium/coarse sand some gravel; saturated; odor.
10	18-20'	1.1'	9,10,10,7	Gray/brown poorly sorted medium to coarse sand, some gravel; wet; odor.
11	21-22.5	1.5'	8,8,8,9	Poorly sorted medium to coarse sand, some fine sand, trace silt; some brown staining; wet light odor.
12	23.5'-25'	1.5'	8,10,12,12	Gray brown medium to coarse sand, some fine sand; slight odor; wet.
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Remarks: A 2.5' wide 1.5' long split spoon was used for sample #'s 11 and 12.

PROJECT:	GE-Pittsfiel	d. Area 2	_ <del></del>		DRILL TYPE: Hollow Stem Auger
PROJECT	NO: <u>101</u>	1.86	<del></del>		BOREHOLE DIAMETER: 7.5
DATE:	10/25/89				BOTTOM OF BORING (BOB): 20'
BORING N	10: <u>\$8</u>	-6			SAMPLER TYPE: Split spoon
RECORDE	D BY:Ja	mes A. Sch	aeler		WEATHER: _Sunny: 60's
DRILLER:	Soil and Ma	nterial Testing	<u> </u>		
SAMPLE NO.	DEPTH FROM-TO (ft)	RECOV. (R)	NO. OF BLOWS Per 6"		SAMPLE DESCRIPTION
1	0-2	2	3,4,3,3		Top soil, medium sand, some gravel; earthy odor.
2	2-4'	.7'	3,3,5,6	3.3-3.6' 3.6-4.0'	Same as above. Fine tan sand.
3	4-6	1.0	4,13,15,22		Medium to coarse sand, some gravel, cobble chips (white), trace fine sand; dry; no odor.
4	6-8'	.9'	15,18,16,23	7.1-7.5' 7.5-8.0'	Medium brown sand, some gravel.  Brown coarse sand, some gravel, cobble chips; no odor.
5	8-10	.8	12,11,12,10	9.2-9.6' 9.6-10'	Medium sand with some coarse sand.  Orange brown coarse sand; layer of dark brown (organic) earthy odor; dry.
6	10-12	1.0'	6,6,610		Brown poorly sorted medium/coarse sand, trace gravel; no odor.
7	12-14'	1.4'	10,9,13,12		Medium to coarse sand, trace gravel, some cobbles; dry; at bottom .3' stained medium sand, odor clean/oil transition at 13.7'; moist.
8	14-16	.9	10,9,8,15		Same as 13.7'-14', medium oil stained sand; moist; odor.

Remarks:

PROJECT:	GE-Pittsfield	d. Area 2			DRILL TYPE: Hollow Stern Auger
PROJECT	NO: <u>101</u>	.86	<del></del>		BOREHOLE DIAMETER: 7.5
DATE:	10/25/89				BOTTOM OF BORING (BOB): 20'
BORING N	10: <u>\$8</u>	-6			SAMPLER TYPE: Split spoon
RECORDE	D BY: <u>Ja</u>	mes A. Scha	neler	,	WEATHER: Sunny: 60's
DRILLER:	Soil and Ma	terial Testing	1		
SAMPLE NO.	DEPTH FROM-TO (II)		NO. OF BLOWS Per 6°		SAMPLE DESCRIPTION
9	16-18	.7	8,16,10,2		Medium to coarse dark brown (stained) sand odor; wet; .6' of wash saturated with oilly water sheen visable.
10	18-20	1.5'	10,9,9,3	18.5-19° 19-20°	Dark brown (stained) medium to coarse sand wet; some odor. Fine brown sand with some medium sand; we sorted; wet; slight odor.
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Remarks: Water table approximately 16' below land surface.

PROJECT:	GE-Pittsfield	d. Area 2			DRILL TYPE: Hollow Stem Auger
PROJECT I	NO: <u>101</u>	.86			BOREHOLE DIAMETER: 7.5
DATE:	10/25/89				BOTTOM OF BORING (BOB): 22
BORING N	O:SB	-7			SAMPLER TYPE: Split spoon
RECORDE	D BY:Ja	mes A. Schaef	er		WEATHER: Sunny: 60's
DRILLER:	Soil and Ma	iterial Testing	_		
SAMPLE NO.	DEPTH FROM-TO (ft)		NO. OF BLOWS Per 6"		SAMPLE DESCRIPTION
1	0-2'	.4'	1,2,2,3	06	Organics grass and leaf litter; top soil; moist; cobble (limestone).
2	2-4'	1.1'	4,4,4,4		Brown fine sand trace gravel; dry; no odor.
3	4-6	.8'	4,5,6,5		Medium/coarse sand, some gravel; dry.
4	6-8'	.4'	5,5,6,7		Same as above.
5	8-10'	0	8,8,9,9		No recovery.
6	10-12	.9'	10,10,11,11		Poorly sorted brown medium/coarse sand with some cobble chips (white), gravel, orange banding; slight odor at bottom .3'.
7	12-14'	1.1.'	7,5,4,4		Medium dark, brown stained sand with some coarse sand; wet; strong odor.
8	14-16	2	4,4,6,4		Same as above.
9	16-18'	Z	10,10,11,12	16-17" 17-18'	Medium/coarse stained sand, trace gravel; odor. Same as above however lighter in color; trace large gravel; slight odor; wet.

PROJECT	: GE-Pittsfiel	d. Area 2	· ·	DRILL TYPE: Hollow Stem Auger		
PROJECT	NO:101	.86		BOREHOLE DIAMETER:7.5		
DATE:	10/25/89	- <del></del>	<del></del>	BOTTOM OF BORING (BOB): 22		
BORING N	VO:\$B	-7	<del></del>	SAMPLER TYPE: Split spoon		
RECORDE	ED BY:Ja	mes A. Scha	<u>sefer</u>	WEATHER: Sunny: 60's		
DRILLER:	Soil and Ma	terial Testino	<u> </u>			
SAMPLE NO.	DEPTH FROM-TO (ft)		NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION		
10	18-20'	1.9'	12,12,11,12	Medium stained sand, some coarse sand strong, odor; wet. At bottom .4' fine tan sand		
11	20-22	.8'	13,11,12,10	Tan medium sand with some coarse sand trace gravel; wet; slight odor.		
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Remarks:

PROJECT:	GE-Pittsfie	old, Area 2	<u> </u>	ORILL TYPE: Hollow Stem Auger
PROJECT	NO:10	01.86		BOREHOLE DIAMETER: 7.5
DATE:	10/26/89			BOTTOM OF BORING (BOB): 20'
BORING N	vo:s	8-8		SAMPLER TYPE: _Split spoon
RECORDE	D BY:J	ames A. Sch	aeler	WEATHER: Sunny; cool; high 60's
DRILLER:	Soil and M	aterial Testin	g	
SAMPLE NO.	DEPTH FROM-TO (ft)	RECOV. O (ft)	NO. OF BLOWS Per 6°	SAMPLE DESCRIPTION
1	0-2	.4'	4,3,3,2	Grass, leafs and top soil.
2	2-4'	.3'	3,2,1,1	Tan fine sand with some silt at tip of spoon (floodplain sediment).
3	4-6'	.3	3,2,2,5	Same as above.
4	6-8'	.3"	7,7,15,23	Same as above.
5	8-10	.3*	15,11,11,12	Same as above but with some coarse sand and cobble chips (limestone).
6	1.0-12	.5'	10,9,8,8	Brown/gray stained medium sand, some coarse sand; odor; moist.
7	12-14'	.5'	8,8,7,8	Stained medium sand with some coarse sand. Oil sheen visable on spoon tip. Strong odor; wet.
8	14-16	.5'	9,9,8,9	Same as above but with lighter staining; odor.
9	16-18'	.3'	5,6,6,7	Dark stained coarse sand with some gravel, some medium sand; odor; saturated (approx. 1' of wash in upper end of spoon)

PROJECT:	GE-Pittsfield	d, Area 2		DRILL TYPE: Hollow Stern Auger		
PROJECT	NO:101	.86		BOREHOLE DIAMETER: 7.5		
DATE:	10/26/89	<del></del>		BOTTOM OF BORING (BOB): 20		
BORING N	10: <u>\$8</u>	-8		SAMPLER TYPE: Split spoon		
RECORDE	D BY: <u>Ja</u>	mes A. Scha	seler	WEATHER: Sunny; cool; high 60's		
DRILLER:	Soil and Ma	terial Testino	<u>.                                    </u>			
SAMPLE NO.	DEPTH FROM-TO (ft)		NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION		
10	18-20	.4'	6,6,7,7	Same as above; however, lighter staining and wet (not saturated); light odor.		
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Remarks: Water table approximately 12' below land surface.

PROJECT:	GE-Pittsfield	d. Area 2	DRILL TYPE: Hollow Stem Auger	
PROJECT N	<b>1</b> 0:101	.86		BOREHOLE DIAMETER:
DATE:	10/26/89		<b>→</b>	BOTTOM OF BORING (BOB): 20'
BORING NO	D: <u>SB</u> -	.9		SAMPLER TYPE: Split spoon
RECORDE	O BY:Jai	mes A. Schaefe	er	WEATHER: Sunny; cool; high 60's
DRILLER: _	Soil and Ma	terial Testing	-	
SAMPLE NO.	DEPTH FROM-TO (ft)		NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION
1	0-2	.4'	6,8,6,5	Stone, backed fill (landscaping).
2	2-4'	2	9,2,9,7	Piece of limestone caught in tip.
3	4-6	.5'	7,6,7,5	Brown fine sand; some silt trace coarse sand.
4	6-8'	.3	9,14,14,9	Same as above.
5	8-10'	.4'	13,15,13,19	Tip of spoon wet with strong odor; stained coarse sand and gravel; oil sheen visible. Rest of spoon coarse sand with cobble chips (limestone); lightly stained.
6	10-12	.4'	14,16,19,12	Dark brown stained coarse sand with some gravel, trace line sand; odor; wet.
7	12-14'	.8'	10,9,8,8	Same as above.
8	14-16	.5';	6,8,6,8	Same as above; with light staining; light odor.

<u>Remarks:</u> Sample #3: Lead auger obstructed by boulder, retrieved spoon and then drilled down bi-passing boulder. Sent spoohdown a second time.

PROJECT:	GE-Pittsfield	d, Area 2	<u> </u>	DRILL TYPE: Hollow Stem Auger		
PROJECT	NO:101	.86	<del></del>	BOREHOLE DIAMETER: 7.5°		
DATE:	10/26/89		<del></del>	BOTTOM OF BORING (BOB):. 20'		
BORING N	10: <u>\$8</u>	-9		SAMPLER TYPE: Split spoon		
RECORDE	D BY:Ja	mes A. Scha	<u>seler</u>	WEATHER: Sunny; cool; high 60's		
DRILLER:	Soil and Ma	terial Testing				
SAMPLÉ NO.	DEPTH FROM-TO (ft)		NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION		
9	16-18'	.5	8,7,8,11	Spoon saturated with oilly water; fine lightly stained sand with some coarse sand. Tan sith sand at spoon tip; light odor; wet.		
10	18-20'	.6	8,11,10,9	Medium sand with some coarse sand, trace of fine sand; lightly stained; light odor.		
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Remarks: Water table approximately at 9.8' below land surface.

PROJECT:	GE-Pittsfiel	d, Area 2		DRILL TYPE: Hollow Stem Auger
PROJECT	NO:101	.86	<del></del>	BOREHOLE DIAMETER: 7.5
DATE:	10/26/89			BOTTOM OF BORING (BOB): 20'
BORING N	10: <u>\$8</u>	-10		SAMPLER TYPE: Split spoon
RECORDE	D BY: <u>Ja</u>	mes A. Sch	aefer	WEATHER: Sunny; cool; high 60's
DRILLER:	Soil and Ma	terial Testin	9	
SAMPLE NO.	DEPTH FROM-TO (ft)	RECOV. (ft)	NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION
1	0-2	1.2	8,11,14,11	Medium to coarse brown sand with some gravel; cobble chips (fill).
2	2-4'	.4'	4,7,7,8	Same as above.
3	4-6	.3'	6,7,6,6	Same as above.
4	6-8'	.3'	5,7,7,9	Same as above.
5	8-10	.1'	6,6,5,5	Fine sand; lightly stained; no odor; moist.
6	10-12	1.7	7,5,6,2	Stained medium sand; buff (white) sand at tip; moist, light odor.
7	12-14'	1.2'	7,6,8,8	Dark stained coarse sand with some gravel; wet; strong odor; oil sheen visible.
8	14-16	1.5'	7,5,16,12	Same as above.
9	16-18'	1.6';	10,8,5,6	Stained coarse sand with some medium sand; wet; odor; oil sheen.

Remarks: Water table approximately at 12' below land surface.

GE-Pittsfield	1. Area 2		DRILL TYPE: Hollow Stem Auger
NO: <u>101</u>	.86		BOREHOLE DIAMETER: 7.5
10/26/89		<del></del>	BOTTOM OF BORING (BOB): 20'
10: <u>\$8</u>	-10		SAMPLER TYPE: Split spoon
D BY:la	mes A. Scha	seler	WEATHER: Sunny; cool; high 60's
Soil and Ma	terial Testino	2	
		NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION
18-20	1.5	9,10,17,20	18.5-19.25' Well sorted stained coarse sand; light odo wet. 19.25-20' Light brown fine sand with some gravel; mois no odor.
	NO:10110/26/89 IO:SB ID BY:Ja Soli and Ma DEPTH FROM-TO (II)	NO: 101.86  10/26/89  IO: SB-10  D BY: James A. Schu Soll and Material Teating  DEPTH RECOV. FROM-TO (ft) (ft)	GE-Pittsfield, Area 2  NO:

PROJECT:	GE-Pittsfield	d, Area 2	DRILL TYPE: Hollow Stem Auger	
PROJECT N	10: <u>101</u>	.86	BOREHOLE DIAMETER: 7.5	
DATE:	10/26/89	<u>-</u>	BOTTOM OF BORING (BOB): 23'	
BORING NO	D:SB-	-12	<del></del> ,	SAMPLER TYPE: Split spoon
RECORDED	BY: Ja	mes A. Schaef	Bf	WEATHER: Sunny: cool; high 60's
ORILLER: _	Soil and Ma	terial Testing	<u>-</u>	
SAMPLE NO.	DEPTH FROM-TO (ft)		NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION
1	0-2	.9	7,9,10,9	Brown medium sand with some coarse sand (fill), trace gravel.
2	2-4'	.4'	6,10,10,8	Same as above.
3	4-6	.5	5,6,3,7	Same as above; moist at tip; piece of glass.
4	6-8'	.4'	3,3,4,4	Same as above.
5	8-10'	.5'	4,5,7,9	Gravel with some stained coarse sand; light odor; wet; fe stains.
6	10-12	.3'	7,4,3,4	Same as above.
7	12-14'	.5'	3,3,4,5	Light stained medium sand with some fine sand, trace gravel; light odor; saturated.
8	14-16'	.3'	3,2,2,1	Gravel with some fine sand.
9	16-18'	.4'	3,3,4,4	Same as above; odor and oil.

Remarks: Water table approximately 9' below land surface. Sample #7: Beads of oil in water dripping off drillers rods.

PROJECT	GE-Pittsfield	Area 2		DRILL TYPE: Hollow Stem Auger		
PROJECT	NO:101.	86	·	BOREHOLE DIAMETER:7.5'		
DATE:	10/26/89			BOTTOM OF BORING (BOB): 23'_		
BORING P	vo: <u>\$8-</u>	12	<del></del>	SAMPLER TYPE: Split spoon		
RECORDE	ED BY:Jan	nes A. Scha	eofor	WEATHER: Sunny cool: high 60's		
DRILLER:	Soil and Mat	erial Testino				
SAMPLE NO.	DEPTH FROM-TO (ft)		NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION		
10	18-20.5	1.4'	8,9,9,14	Medium to coarse stained sand, some gravel fight brown sand in tip; no odor.		
11	20.5-23'	2	7,10,31,30	Medium to coarse stained sand with an odor Lower .6' light brown; no odor.		
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PROJECT:	GE-Pittsfield,	Area 2			DRILL TYPE: Hollow Stem Auger
PROJECT	NO: <u>101.8</u>	6			BOREHOLE DIAMETER: 7.5
DATE:	10/26/89	··			BOTTOM OF BORING (BOB): 20'
BORING N	10: <u>\$8-1</u> ;	3		•	SAMPLER TYPE: _Split spoon
RECORDE	D BY:Jame	s A Schae	eler		WEATHER: Surmy; cool; high 60's
DRILLER:	Soil and Mate	rial Testing			
SAMPLE NO.	DEPTH F FROM-TO (i		NO. OF BLOWS Per 6"		SAMPLE DESCRIPTION
10	18-20' 2	?	8,9,15,47	18-19' 19-20'	Stained coarse sand (wash). Fine to medium light brown sand with come silt; little staining; very little odor.
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Remarks:					

PROJECT: <u>GE-Pittsfield</u> , Area 2	DRILL TYPE: Hollow Stern Auger
PROJECT NO:101.86	BOREHOLE DIAMETER: 7.5
DATE:11/26/89	BOTTOM OF BORING (BOB): 15
BORING NO: SB-14 (PZ-3S)	SAMPLER TYPE: None
RECORDED BY: <u>James A. Schaefer</u>	WEATHER: Sunny; cool; high 60's
DRILLER: Soil and Material Testing	

<u>Remarks:</u> Samples were not collected. Bored down to 15' and installed piezometer (PZ-2S) in boring.

ODO IECT.	OF Divers	alah Araa O		DONE TYPE: Hallow Clam Avens
		eld, Area 2	- ····	DRILL TYPE: Hollow Stem Auger
PROJECT	NO:10	1.86	<del></del>	BOREHOLE DIAMETER: 7.5
DATE:	10/26/89	ł	<u>_</u>	BOTTOM OF BORING (BOB): 24'
BORING N	vo: <u> </u>	B-15 (PZ-30)		SAMPLER TYPE: Split spoon
RECORDE	D BY:J	ames A. Sch	peler	WEATHER: Sunny: cool: high 60's
DRILLER:	Soil and M	laterial Testine	<u> </u>	
SAMPLE NO.	DEPTH FROM-TO (ft)	RECOV. ) (ft)	NO. OF BLOWS Per 6°	SAMPLE DESCRIPTION
1	0-2	.8'	3,5,58	Brown medium/coarse sand; some gravel; stones (fill).
2	2-4'	.7'	18,11,8,9	Same as above.
3	4-6'	1.0'	8,8,5,4	Same as above.
4	6-8'	.9'	5,5,5,5	Same as above; light odor.
5	8-10"	1.0°	4,5,4,3	Wet at 8.5; odor; piece of brick, same as above.
6	10-12	.5'	9,10,14,9	Saturated cobbles and gravel; some stained medium sand; odor.
7	12-14'	1.0'	17,14,12,25	Green fluid drained out of spoon; geology same as above with some fine greenish brown sand; strong odor.
8	14-16	.5'	8,6,8,8	Saturated fine sand and gravel (fill).
9	16-18	1.5'	17,19,28,17	Stained coarse sand, some gravel; odor; greenish tinge.

Remarks: Water table approximately at 8.5' below land surface.

PROJECT:	GE-Pittsfield	d, Area 2	DRILL TYPE: Hollow Stem Auger		
PROJECT	NO: <u>101</u>	.86	<del></del>		BOREHOLE DIAMETER:
DATE:	10/26/89				BOTTOM OF BORING (BOB): _24'_
BORING N	O: <u>\$8</u>	-15 (PZ-30)		SAMPLER TYPE: Split spoon	
RECORDE	D BY: <u>Ja</u>	mes A. Scha	efer		WEATHER: Sunny; cool; high 60's
DRILLER:	Soil and Ma	iterial Testing			
SAMPLE NO.	DEPTH FROM-TO (ft)		NO. OF BLOWS Per 6"		SAMPLE DESCRIPTION
10	18-20	1.7	19,30,40,29		Dark stained fine sand mixed with coarse sand and gravel, trace silt, some buff sand at spoor tip.
11	20-22	1.0'	18,26,19,17		Same as above; cobble chips.
12	22-24'	2.0	22,19,14,17	22-23 ⁻ 23-24 ⁻	Light brown to gray silty sand with some medium sand, trace cobbles; no odor; moist See (20-22').
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PROJECT:	GE-Pittsfield	d, Area 2		DRILL TYPE: Hollow Stem Auger	
PROJECT	NO:101	.86	<del></del>		BOREHOLE DIAMETER:
DATE:	10/27/89	<del></del>	<del></del>		BOTTOM OF BORING (BOB): 17
BORING N	Ю: <u>\$В</u>	-16 (PZ-4S)	· · · · · · · · · · · · · · · · · · ·		SAMPLER TYPE: Split spoon
RECORDE	D BY:Ja	mes A. Schae	eler		WEATHER: Sunny; cool; loggy; high 60's
DRILLER:	Soil and Ma	terial Testing			
SAMPLE NO.	DEPTH FROM-TO (ft)		NO. OF BLOWS Per 6°		SAMPLE DESCRIPTION
1	0-2	.6	2,3,4,4		Brown medium sand, trace gravel, pieces of coal.
2	2-4'	.1'	5,12,5,8		Wood fragments in tip.
3	4-6	0	5,5,18,11		No recovery.
4	6-8'	.5'	5,7,7,12		Brown medium sand, trace gravel; some stained sand in tip.
5	8-10°	.4'	4,4,6,6		Stained medium sand with some coarse sand, little gravel, trace silt; odor; wet at 9'.
6	10-12'	1.0'	2,2,1,2		Dark stained medium sand, some coarse sand and gravel, trace silty sand; strong odor.
7	12-14	0			No recovery.
8	13-15'	2	5,4,3,3		Same as 10-12'.
9	15-17	2	3,5,5,5	15-16 16-17 16.5-17	Well sorted light stained medium sand; light odor. Fine silty sand lightly stained from 16-16.5'. Tan in color with more silt.

Remarks: Water table approximately at 9' below land surface.

PROJECT:	GE - Pitts	field, Area 2	DRILL TYPE: Hollow Stem Auger		
PROJECT	NO:10	1.86	BOREHOLE DIAMETER: 7.5		
DATE:	11/16/89	······································	BOTTOM OF BORING (BOB): 22		
BORING N	Ю: <u>\$В-17</u>	7	<del></del>		SAMPLER TYPE: Split spoon
RECORDE	O BY: <u>Jam</u> e	es A. Schaele			WEATHER: Rain windy and cold; 40's.
ORILLER:	Soil and Ma	terial Testino			
SAMPLE NO.	DEPTH FROM-TO Ft.	RECOV. (ft)	NO. OF BLOWS Per 6°		SAMPLE DESCRIPTION
1	0-2'	1.1'	5,11,12,12	04' .47'	Road fill (stone). Brown coarse sand and gravel; white cobble chips (fill).
2	2-4'	.3'	11,9,7,7		Gray brown fill, some fine sand, trace silt; some odor.
3	4-6	.5'	9,9,8,5		Same as above.
4	6-8'	.6'	7,3,2,2		Same as above; cobbles.
5	8-10'	.8'	2,4,1,6		Same as above but with a strong odor; wet at tip and darker in color; some wood splinters.
6	10-12"	.9'	6,6,6,6		Dark brown fine sand; saturated with oil sheen; strong odor; some poorly sorted gravel; (fill).
7	12-14'	.6'	12,6,3,3		Gravel with some coarse sand; spoon saturated with water, oil sheen present; odor.
8	14-16	.2	4,2,1,2		Fill; wood splinters.
9	16-18'	1.2"	5,7,12,16		Poorly sorted stained brown fine/medium sand and gravel (fill).

PROJECT:	GE - Pittst	ield, Area 2		DRILL TYPE: Hollow Stem Auger		
PROJECT	NO:10	1.86	·	BOREHOLE DIAMETER: 7.5		
DATE:	11/16/89			BOTTOM OF BORING (BOB): 22		
BORING N	Ю: <u>\$8-17</u>			SAMPLER TYPE: Split spoon		
RECORDE	D BY: Jame	s A Schaef	er	WEATHER: Rain windy and cold; 40's		
DRILLER:	Soil and Ma	terial Testing	2			
SAMPLE NO.	DEPTH FROM-TO FL		NO. OF BLOWS Per 6°	SAMPLE DESCRIPTION		
10	18-20'	1.5'	6,12,16,18	Fine lightly stained sandy silt with some medium sand at bottom .8'; light odor.		
11	20-22"	1.5'	10,11,11,12	Light brown sandy silt; no odor.		
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Remarks: Water table is approximately 10' below land surface.

PROJECT:	GE - Pittsf	ield, Area 2	<del></del> .		DRILL TYPE: Hollow Stem Auger
PROJECT	NO:10	1.86	BOREHOLE DIAMETER: 7.5		
DATE:	11/17/89	<del> </del>	BOTTOM OF BORING (BOB): 18'		
BORING N	O: <u>SB-18</u>	l			SAMPLER TYPE: Split spoon
RECORDE	D BY: <u>Jame</u>	s A. Schaeler			WEATHER: Partly sunny with some snow.
DRILLER:	Soil and Ma	terial Testing			flurries; cold; low 30's
SAMPLE NO.	DEPTH FROM-TO FL	RECOV. (ft)	NO. OF BLOWS Per 6°		SAMPLE DESCRIPTION
1	0-2	.5'	9,8,7,6		Brown top soil with some cobbles, medium sand.
2	2-4	1.5'	6,9,7,12		Brown medium sand with a trace of gravel slight odor (fill). Fine silty sand at tip.
3	6-8'	.9'	19,12,17,16		Same as above.
4	8-10	2	8,7,6,5		Same as above; moist; odor.
5	10-12	1.1'	5,3,3,4		Dark brown (stained) medium sand with some coarse sand; trace silt; odor; wet.
6	12-14'	A'			Dark brown coarse sand; odor; trace grave
7	14-16	1.0"	4,3,3,3	14-14.5° 14.5-15°	Coarse sand and gravel; cobbles. Fine light brown sand.
8	16-18'	1.3'	3,6,8,10	<u></u>	Fine light brown sand with some silt at bottor of spoon.

PROJECT:	GE - Pittsfi	ield, Area 2	<del></del>		DRILL TYPE: Hollow Stem Auger
PROJECT	NO:10	1.86	BOREHOLE DIAMETER: 7.5'		
DATE:	11/17/89	· · · · · · · · · · · · · · · · · · ·			BOTTOM OF BORING (BOB): 18'
BORING N	10: <u>SB-19</u>	<u> </u>	<del></del>		SAMPLER TYPE: Split spoon
RECORDE	D BY: <u>Jame</u>	s A Schaefer	·		WEATHER: Partly sunny with some snow,
DRILLER:	Soil and Ma	terial Testing	<del></del>		flurries; cold; low 30's
SAMPLE NO.	DEPTH FROM-TO FL	RECOV. (ft)	NO. OF BLOWS Per 6'		SAMPLE DESCRIPTION
1	0-2	2	4,9,16,14	0-2 2-2	Grass Brown medium sand with some coarse sand and dark brown/gray lead colored pieces of "fly ash"; no odor (fill).
2	2-4'	1.4'	9,5,9,9		Same as above with pieces of brick; no odor.
3	4-6	1.5'	7,7,9,7		Same as above with small pieces of white debris.
4	6-8'	1.0	8,12,15,11		Same as above.
5	8-10'	.5'	5,4,4,12		Same as above.
6	10-12	.3'	7,7,4,15		Same as above with rust staining at bottom; moist at spoon tip.
7	12-14'	.4'	6,4,3,4		Brown saturated silt mixed with coarse sand and "fly ash" debris.
8	14-16	.3'	2,4,3,4		Wet dark brown medium sand with some silt; oil stained; slight odor (fill).
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PROJECT:	GE - Pittsf	ield, Area 2	<del></del>		DRILL TYPE: Hollow Stem Auger
PROJECT I	NO:10	1.86	<del></del>	BOREHOLE DIAMETER:7	BOREHOLE DIAMETER: 7.5
DATE:	11/17/89				BOTTOM OF BORING (BOB): 18'
BORING N	O: <u>\$B-19</u>	)			SAMPLER TYPE: Split spoon
RECORDE	D BY: <u>Jame</u>	s A. Schaele	et		WEATHER: Partly sunny with some snow.
DRILLER: _	Soil and Ma	terial Testing	<u></u>		flurries; cold; low 30's
SAMPLE NO.	DEPTH FROM-TO FL		NO. OF BLOWS Per 6		SAMPLE DESCRIPTION
9	16-18'	.5'	2,2,2,3		Brown (stained) medium sand; slight odor; piece of plastic (fill).
10	18-20'	.5'	3,5,5,3		Lightly stained coarse sand with some medium sand; silty sand at spoon tip.
11	20-22	1.3			Same as 16-18'. Fine sitty sand; light brown/tan in color; no odor.
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Remarks: Water table is approximately at 12.3.

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PROJECT:	GE - Pittsf	ield, Area 2	<del></del>		DRILL TYPE: Hollow Stem Auger
PROJECT	NO:10	1.86	BOREHOLE DIAMETER: 7.5		
DATE:	11/17/89			BOTTOM OF BORING (BOB): 18'	
BORING N	O: <u>\$8-20</u>				SAMPLER TYPE: Split spoon
RECORDE	D BY: <u>Jame</u>	s A Schaeler			WEATHER: Partly sunny with some snow,
DRILLER:	Soil and Ma	terial Testing	_		flurries; cold; low 30's
SAMPLE NO.	DEPTH FROM-TO Ft.	RECOV. (ft)	NO. OF BLOWS Per 6°		SAMPLE DESCRIPTION
1	0-2	1.3	8,19,22,26		Brown fine medium sand mixed with debris; limestone chips (fill).
2	2-5	1.2"[	21,13,13,10		Same as above (glass).
3	4-6	.3'	8,7,7,7		Same as above.
4	6-8'	.8'	7,16,21,11		Same as above (brick).
5	8-10	1.2	9,12,20,20		Same as above.
6	10-12'	NR.	18,12,9,9		No recovery.
7	12-14"	2	9,15,11,10		Same as above; cobbles; wet at spoon tip.
8	14-16	.4'	8,8,10,5		Brown coarse sand and gravet; very light staining.
9	16-18'	1.2		16-16.5' 16.5-17.2	Light brown medium sand with some fine sand; piece of brass and plastic (fill).  Light brown fine sand; no odor.

PROJECT:	GE - Pittsf	ield, Area 2		DRILL TYPE: Hollow Stem Auger
PROJECT N	10: <u>10</u>	1.86		BOREHOLE DIAMETER:7.5'
DATE:	11/17/89			BOTTOM OF BORING (BOB): 18'
BORING NO	D: <u>SB-21</u>			SAMPLER TYPE: Split spoon
RECORDED	BY: <u>Jame</u>	s A. Schaefer	···	WEATHER: Partly sunny with some snow,
DRILLER: _	Soil and Ma	terial Testing	-	flurries; cold; low 30's
SAMPLE NO.	DEPTH FROM-TO FL	RECOV. (ft)	NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION
1	0-2'	1.0'	8,10,10,4	Brown medium sand with some coarse sand; "ity ash" and brick pieces; trace gravel; no odor (fill).
2	2-4'	.3'	5,5,10,5	Same as above.
3	4-6'	.1	5,5,5,5	Same as above.
4	6-8'	1.1'	5,4,3,4	Same as above.
5	8-10"	1.1'	3,3,3,3	Same as above with pieces of coal.
6	10-12'	1.5'	38,29,10,10	Same as above.
7	12-14'	.8*	9,9,7,3	Same as above.
8	14-16	.1'	7,7,5,2	Coarse sand and gravel; spoon wet; no odor.
9	16-18	NR	2,2,3,5	Spoon wet; no odor.
10	18-20'	NR	no recovery	

<u>Remarks:</u> Sample number 10 - augers were pushing down boulder, drillers stopped drilling.

PROJECT:	GE - Area	2		. (	ORILL TYPE: Truck mounted
PROJECT	NO: <u>101.8</u>	36.06	<u></u>	•	BOREHOLE DIAMETER:8'
DATE:	5-4-90		<del></del>	1	BOTTOM OF BORING (BOB): _20'_
BORING N	10: <u>\$8-22</u>			9	SAMPLER TYPE: Split spoon
RECORDE	D BY:JA	Schaefer	<del></del>	1	WEATHER: Cloudy & cool, chance of rain
DRILLER:	Parrat Wolff		-		
SAMPLE NO.	DEPTH FROM-TO	•	NO. OF BLOWS Per 6		SAMPLE DESCRIPTION
1	0-2'	1.1	3,3,5,5	03' .3-1.1'	Organics grass and leaf litter. Fine well sorted sandy silt.
2	2-4'	2	3,4,4,4		Same as above.
3	4-6'	.9	3,3,3,5		Brown poorly sorted med, sand with some coarse sand; fine sandy silt at upper .3'.
4	6-8'	.5	8,7,8,8		Same as above.
5	8-10'	1.0	5,6,9,7		Poorly sorted brown sand with some gravel and fine sand; dry; no odor.
6	10-12	1.2	6,6,6,6		Brown fine sand with some medium sand; dry; fe staining present.
7	12-14'	.9	7,9,9,8		Same as above with some coarse sand and gravel.
8	14-16'	.8	5,6,9,8		Medium to coarse brown sand; no odor.
9	16-18'	.4	4,6,9,6		Same as above. Lower half of spoon dark brown coarse sand; wet; no odor.
10	18-20	2	4,6,8,11		Lightly stained sorted fine sand; well light odor; wet.
Remarks:	Water table	approximately	16' below land	surface.	

PROJECT:	GE - Area	2		-	DRILL TYPE: Truck mounted
PROJECT N	NO: <u>101.8</u>	6.06			BOREHOLE DIAMETER:8*
DATE:	6-4-90	<del> </del>			BOTTOM OF BORING (BOB):19'
BORING NO	D: <u>\$8-23</u>				SAMPLER TYPE: Split spoon
RECORDE	) BY: <u>J.A</u>	Schaefer	<del></del>		WEATHER: Cloudy & cool; chance of rain
DRILLER: _	Parratt Wol	<u>f</u>			
SAMPLE NO.	DEPTH FROM-TO		NO. OF BLOWS Per 6°		SAMPLE DESCRIPTION
1	0-2'	.8	4,7,9,11		Brown, poorty sorted sand and gravel; some fine sand; trace of "ash". Fill
2	2-4'	.7	10,10,16,13		Brown, gray/white fee stained fill. Cobbles, sand and gravel.
3	4-6'	.4	5,7,7,5		Brown med. sand. High in organic content (wood fragments) cobble caught in spoon tip.
4	6-8'	2	8,11,20,32		Same as above. Hard glossy synthetic material, caught in spoon tip (resin?).
5	8-10'	.9	17,8,14,9		Same above te staining; moist.
6	10-11.2'	.3	6,40,50,2		Wood and dark brown sand, poor recovery (wood in tip).
7	12-14'	.8	10,10,6,3		Dark brown (stained) sand and gravel; odor with oil sheen present; wet.
8	15-17'	.1	10,10,6,3	15.5	Same as above. Fine lightly stained sand; wet.
9	17-19'	2	7,9,8,9		Medium sand with some coarse sand; lightly stained.

PROJECT:	GE - Area	2	·	DRILL TYPE: Truck mounted
PROJECT	NO: <u>101.8</u>	36.06		BOREHOLE DIAMETER: 10
DATE:	6-5-90		<del></del>	BOTTOM OF BORING (BOB): 20'
BORING N	NO: <u>SB-24</u>		<del></del>	SAMPLER TYPE: Split spoon
RECORDE	D BY:J.A	. Schaefer		WEATHER: Clear skies; sunny
DRILLER:	Parratt Wol	lff	<del>-</del>	
SAMPLE NO.	DEPTH FROM-TO	RECOV. (ft)	NO. OF BLOWS Per 6"	SAMPLE DESCRIPTION
1	0-2"	1.5	5,5,5,5	Brown poorly sorted sand, some gravel (fill).
2	2-4'	1.2	5,3,3,4	Same as above.
3	4-6'	.9	4,5,5,9	Same as above with some 'ash', dry; friable; no odor.
4	6-8'	.5	8,12,14,13	Medium sand with some gravel; stained; odor; wet.
5	8-10'	.5	4,4,4,5	Gravel with some sand, dark stained; odor.
6	10-12"	.6	4,2,2,3	Same as above.
7	12-14'	.1	2,3,4,8	Poor recovery.
8	14-16'	.4	3,4,5,4	Dark brown wet sand; odor.
9	16-18'		8,8,8,8	Well sorted coarse sand with some gravel; oil stained.
10	18-20'	.8	6,8,8,12	Lightly stained fine sand.
Remarks:				

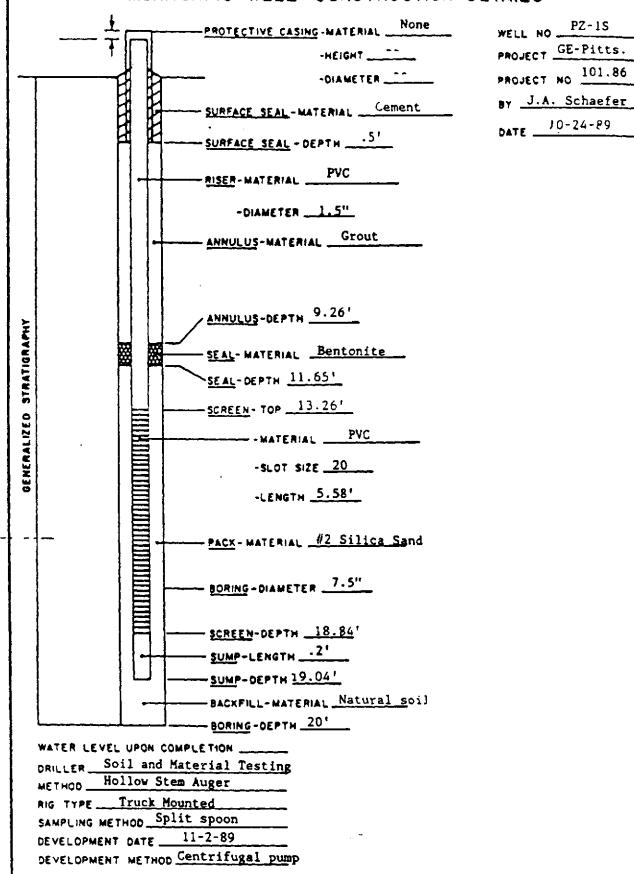
PROJECT:	GE - Area	2		DRILL TYPE: <u>Truck mounted</u>
PROJECT	NO: <u>101.8</u>	86.06		BOREHOLE DIAMETER: 10
DATE:	6-5-90			BOTTOM OF BORING (BOB): 17
BORING N	O: <u>SB-25</u> /	PZ-5S		SAMPLER TYPE: Split spoon
RECORDE	D BY: <u>J.A</u>	Schaefer		WEATHER: Clear skies; 60's
DRILLER:	Parratt Wol	ff	<del>_</del>	
SAMPLE NO.	DEPTH FROM-TO	RECOV. (ft)	NO. OF BLOWS Per 6'	SAMPLE DESCRIPTION
1	0-2'	.3	4,5,7,5	Brown sand and gravel, no odor; fill.
2	5-7'	.9	5,3,2,3	Brown med. sand with some 'ash', fill. Lower .2' stained and wet.
3	10-12		2,3,4,4	Plastic caught in spoon tip.
4	15-17'	.9	7,8,7,9	Fine lightly stained sand; light odor.
		· · · · · · · · · · · · · · · · · · ·		

Remarks: Water table approximately 7 feet below Isand surface. Possibly perched water. Sample #3 could possibly be piece of clay wall.

PROJECT: <u>GE - Area 2</u> PROJECT NO: <u>101.86.06</u> DATE: <u>6-4-90</u> BORING NO: <u>SB-26/PZ-6S</u> RECORDED BY: <u>J.A. Schaefer</u>				BOREHOLE DIAMETER: 10°  BOTTOM OF BORING (BOB): 17°  SAMPLER TYPE: Split spoon  WEATHER: Clear skies; 60's					
					DRILLER:	Parratt Wol	f <u>l</u>	_	
					SAMPLE NO.	DEPTH FROM-TO	RECOV. (ft)	NO. OF BLOWS Per 6*	SAMPLE DESCRIPTION
					1	0-2'	.8	5,7,14,20	Brown medium sand with some gravel; brick pieces. Fill material.
					2	5-7'	.3	13,8,3,2	Brown medium sand with some coarse sand; no odor.
3	10-12		7,9,7,5	Wood in spoon tip.					
4	15-1 <i>7</i> '	1	3,5,6,5	Brown fine sand; lightly stained; odor.					
		<u> </u>							

Remarks: Water table was approximately 9' below land surface.

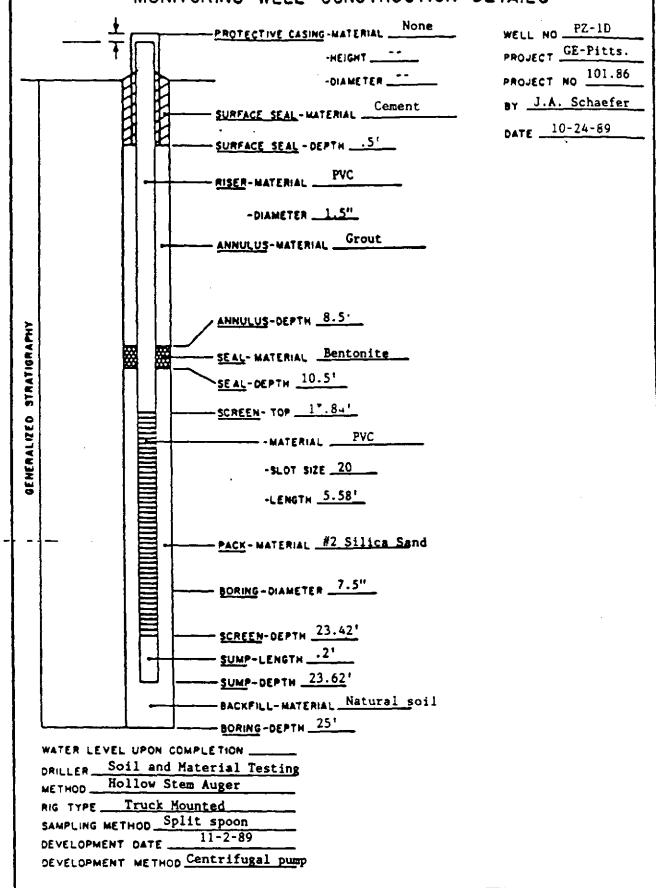
# MONITORING WELL CONSTRUCTION DETAILS



BLASLAND & BOUCE ____

## SUBSURFACE FIELD LUG

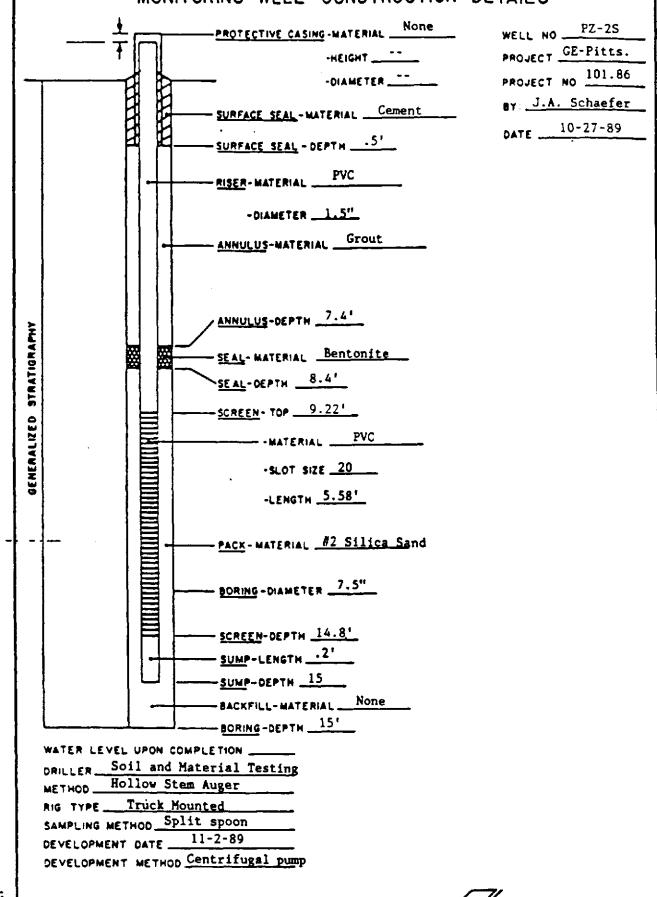
# MONITORING WELL CONSTRUCTION DETAILS



BLASLAND & BOUCK _

#### SUBSUMFACE FIELD LUG

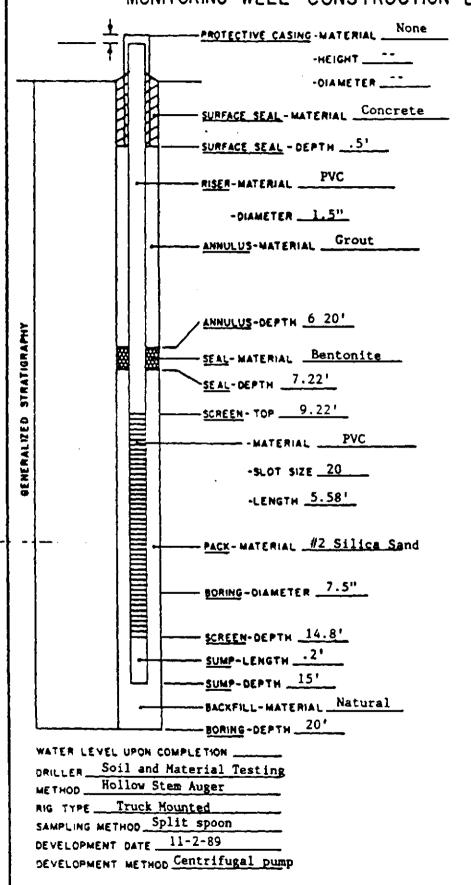
#### MONITORING WELL CONSTRUCTION DETAILS



BLABLAND & SOUCK ENGINEERS, P.C.

SUBSCITACE FILED COU

## MONITORING WELL CONSTRUCTION DETAILS



PROJECT NO 101.86

PROJECT NO 101.86

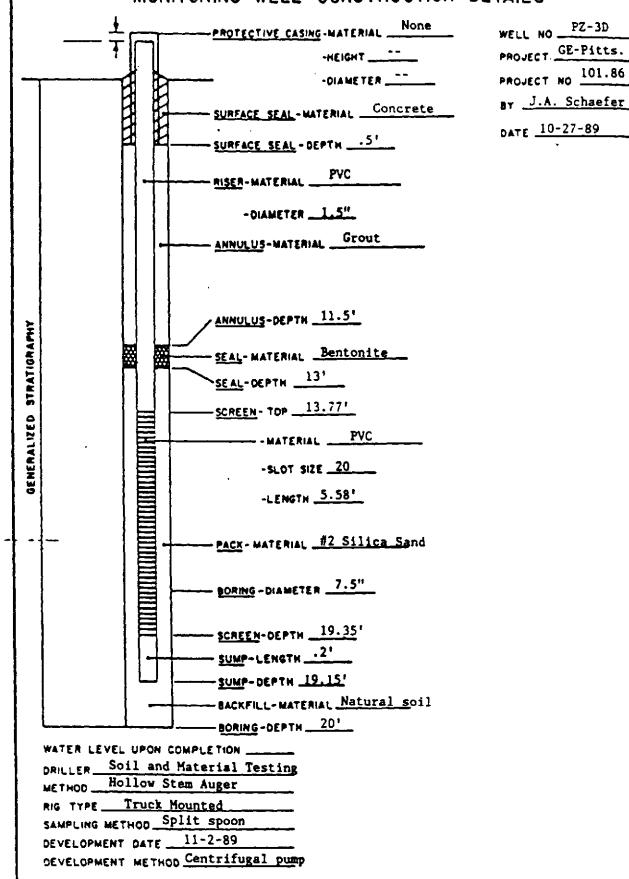
BY J.A. Schaefer

DATE 10-27-89

MASIANO & BOUCE _

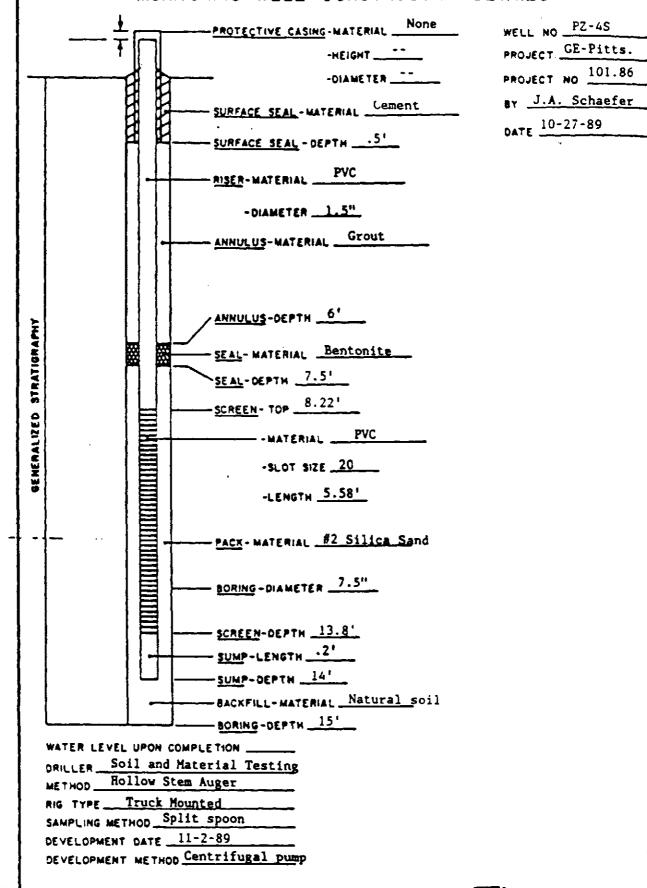
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# MONITORING WELL CONSTRUCTION DETAILS



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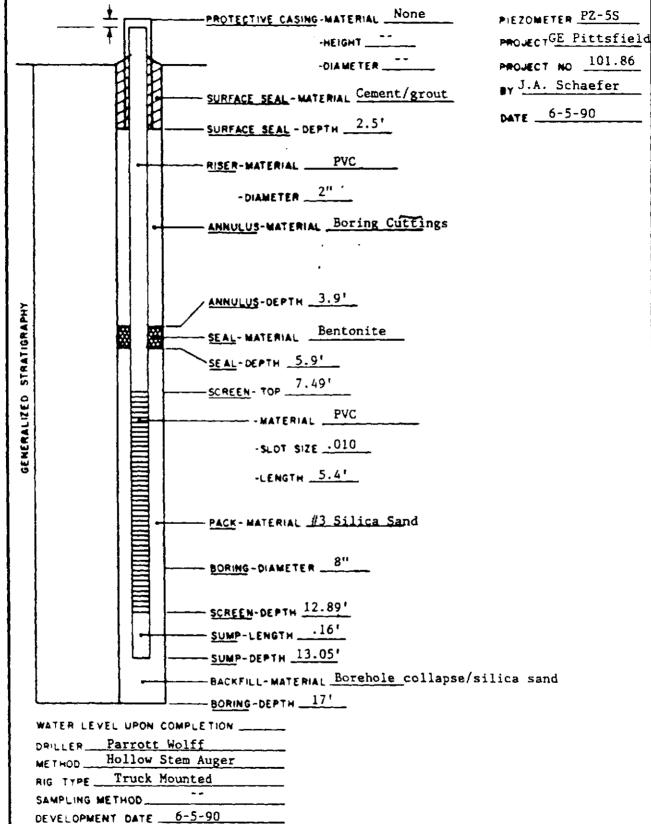
## MONITORING WELL CONSTRUCTION DETAILS



BLASIAND & BOUCE _____

# SUBSURFACE FIELD LOG PIEZOMETER CONSTRUCTION DETAILS

SHEET 1 OF 1



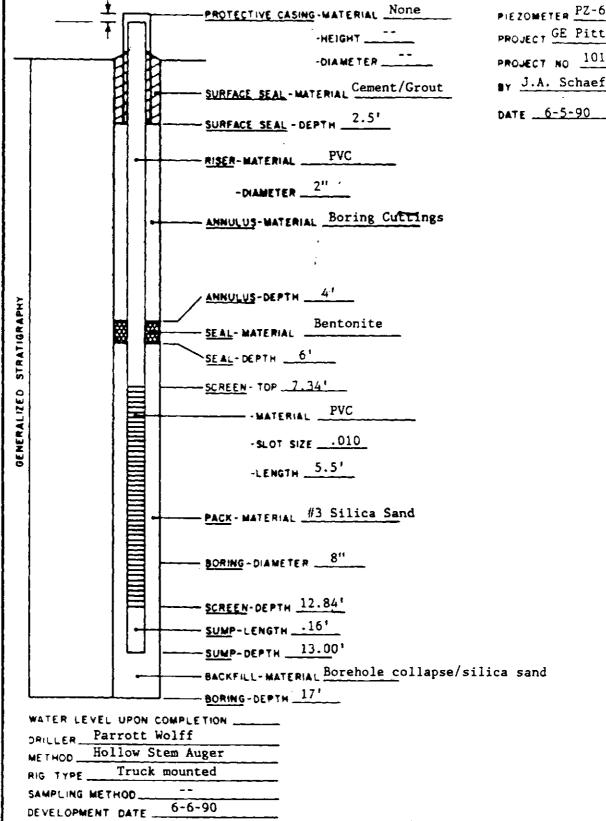


DEVELOPMENT METHOD Centrifugal

# SUBSURFACE FIELD LOG PIEZOMETER CONSTRUCTION DETAILS

PIEZOMETER PZ-65 PROJECT GE Pittsfiel PROJECT NO 101.86 By J.A. Schaefer

SHEET ____OF_1



DEVELOPMENT METHOD Bailed

# SUBSURFACE FIELD LOG PIEZOMETER CONSTRUCTION DETAILS

PROTECTIVE CASING-MATERIAL None -HEIGHT ____ -DIAMETER _____ SURFACE SEAL - MATERIAL Cement/grout SURFACE SEAL - DEPTH 2.5' RISER-MATERIAL PVC -DIAMETER _______ ANNULUS-MATERIAL Boring Cuttings ANNULUS-DEPTH 41 GENERALIZED STRATIGRAPHY - SEAL- MATERIAL Bentonite SEAL-DEPTH 6' -- MATERIAL ___ -SLOT SIZE ___.010 -LENGTH 5.5" -PACK-MATERIAL #3 Silica Sand - BORING-DIAMETER 8" - SCREEN-DEPTH 12.84" SUMP-LENGTH .16' SUMP-DEPTH __131 -- BACKFILL-MATERIAL Borehole collapse - BORING-DEPTH 16' WATER LEVEL UPON COMPLETION _____ DRILLER Parrott Wolff METHOD Hollow Stem Auger RIG TYPE Truck mounted SAMPLING METHOD____ DEVELOPMENT DATE _____6-6-90 DEVELOPMENT METHOD Bailed

BLASIAND & BOUCK

SHEET _____ OF _____

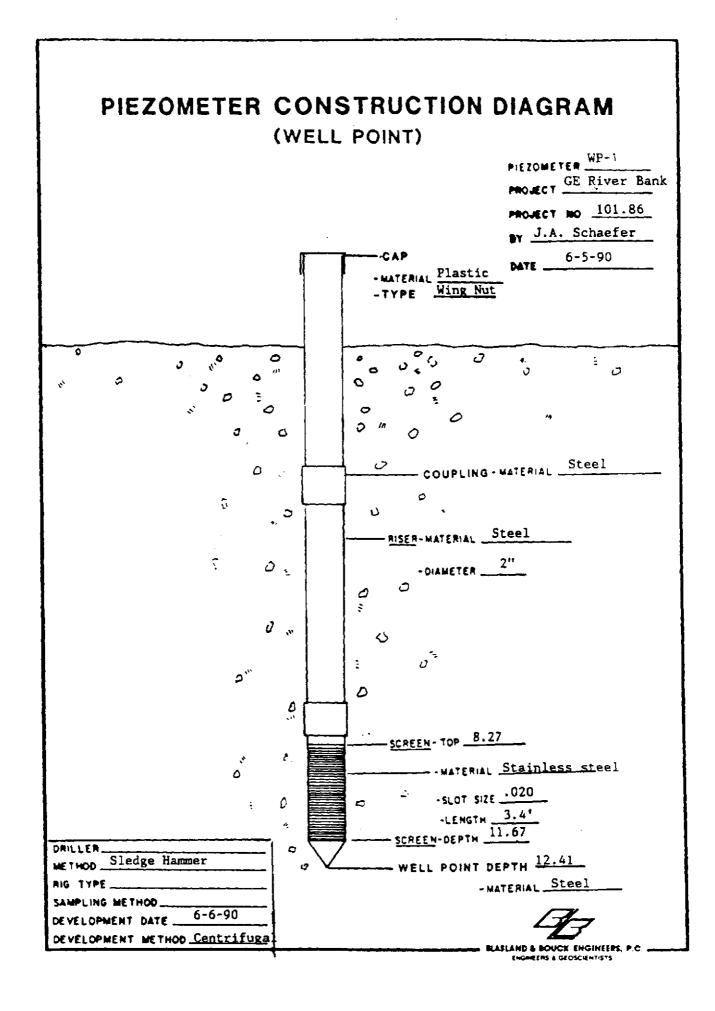
PIEZOMETER PZ-75

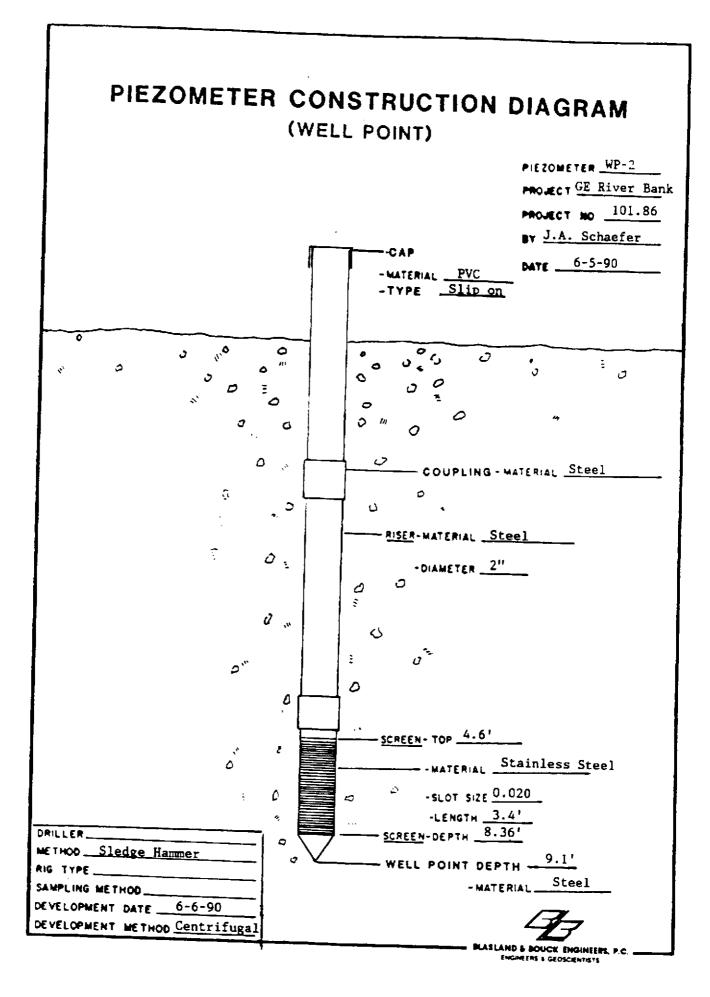
PROJECT NO 101.86

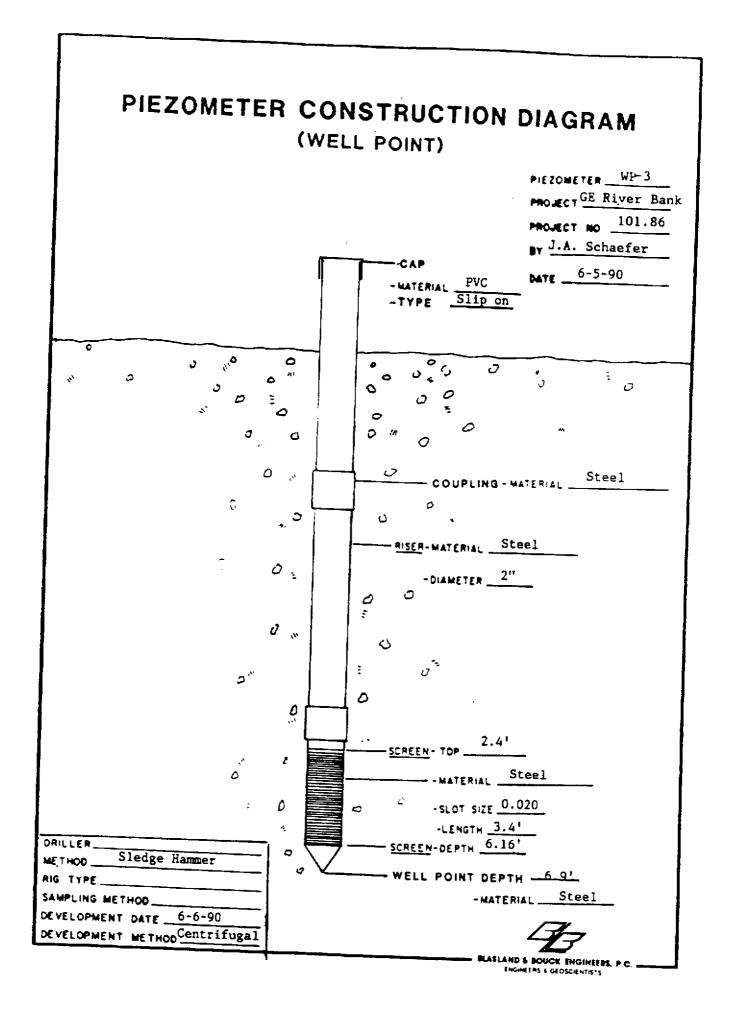
By J.A. Schaefer

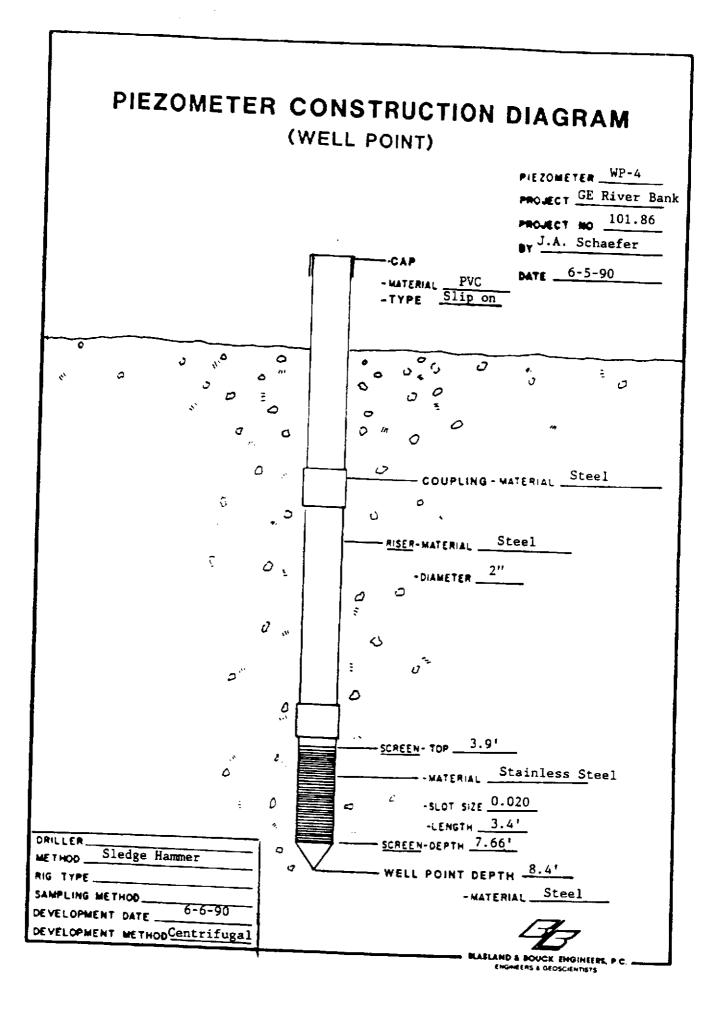
DATE __6-5-90

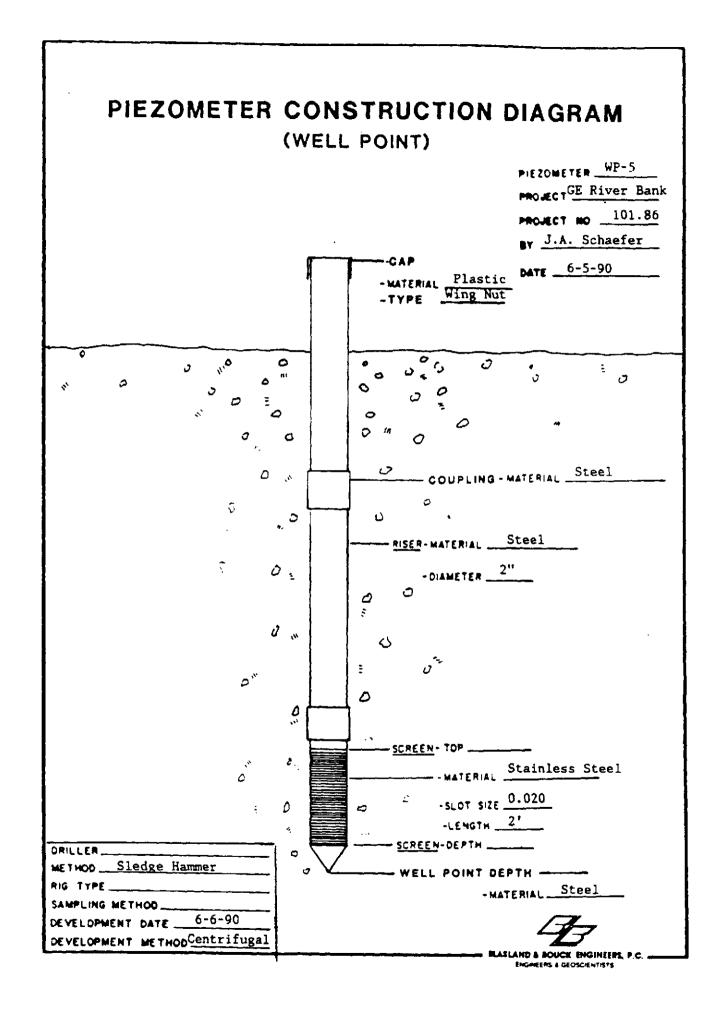
PROJECT GE Pittsfield

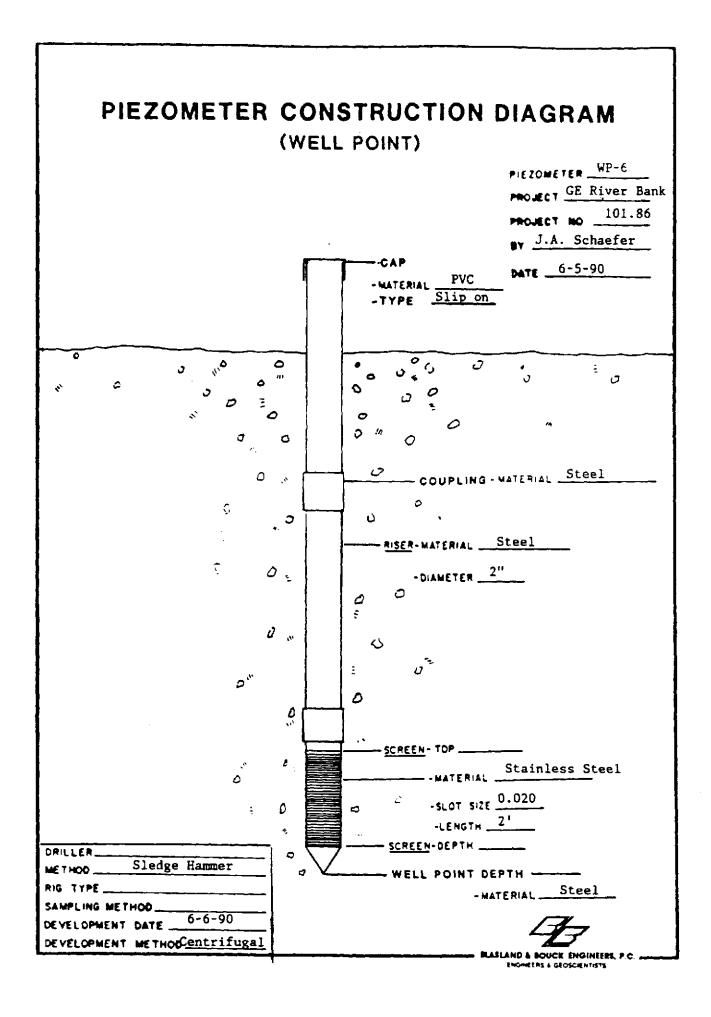


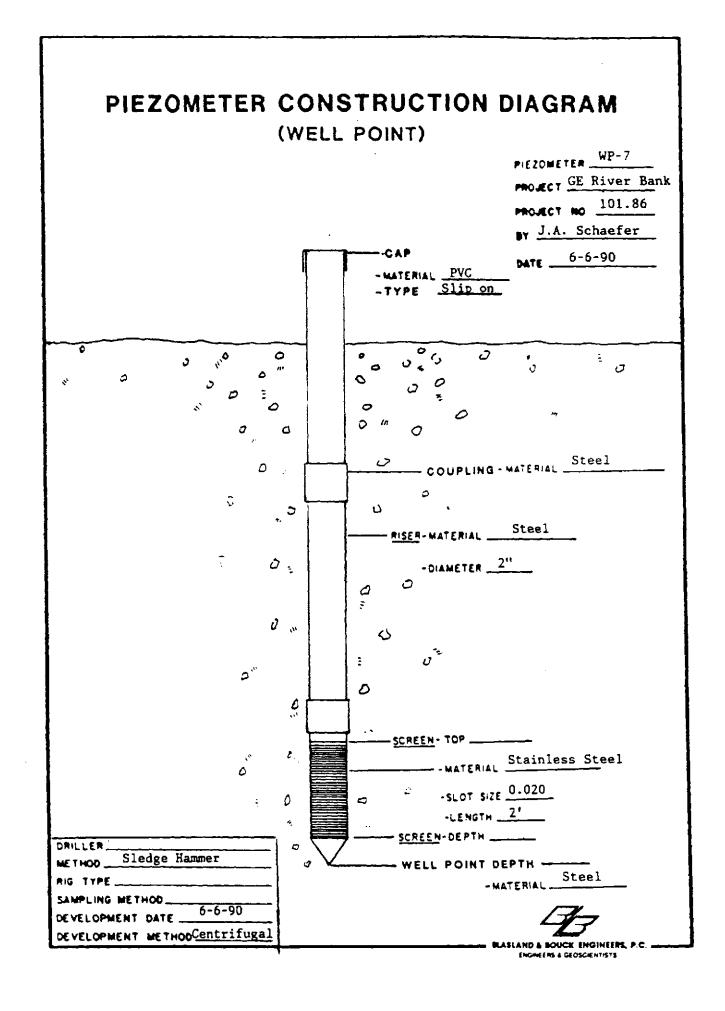


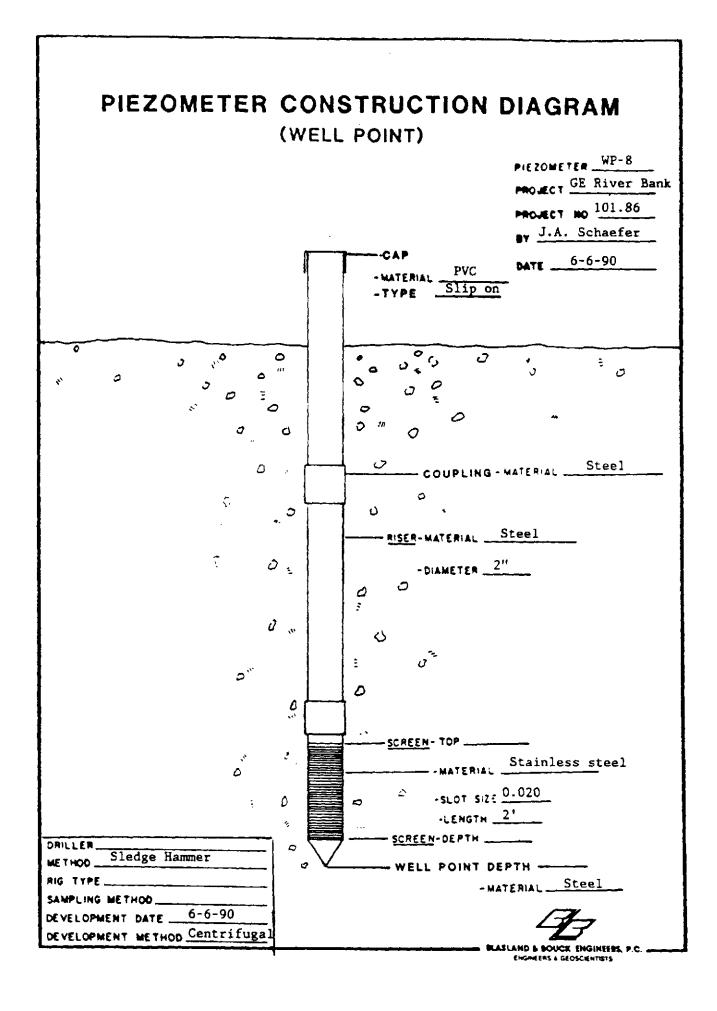


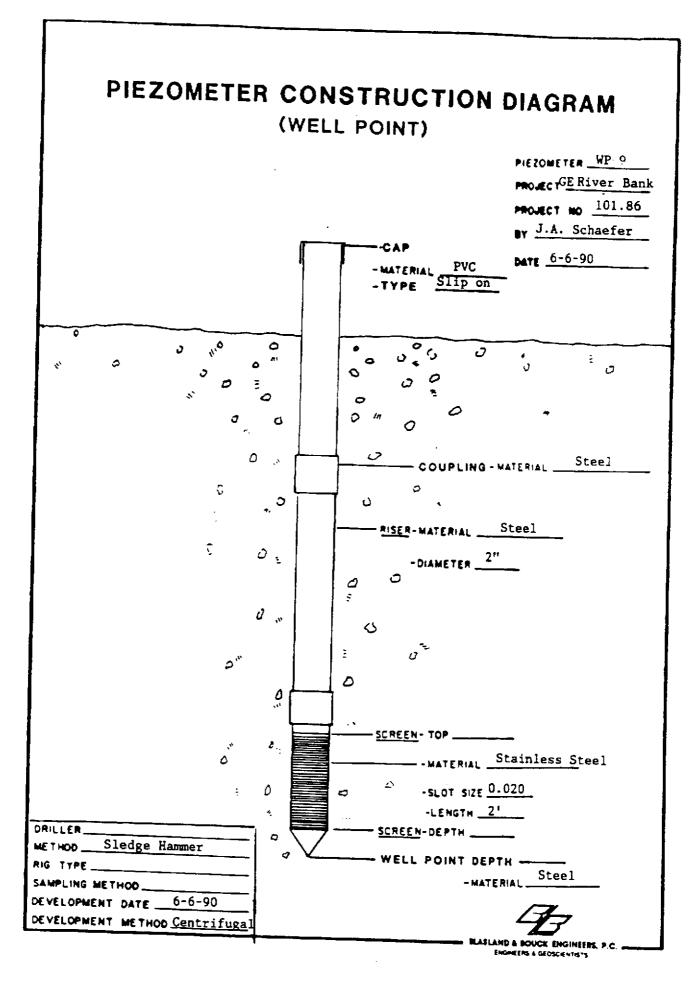


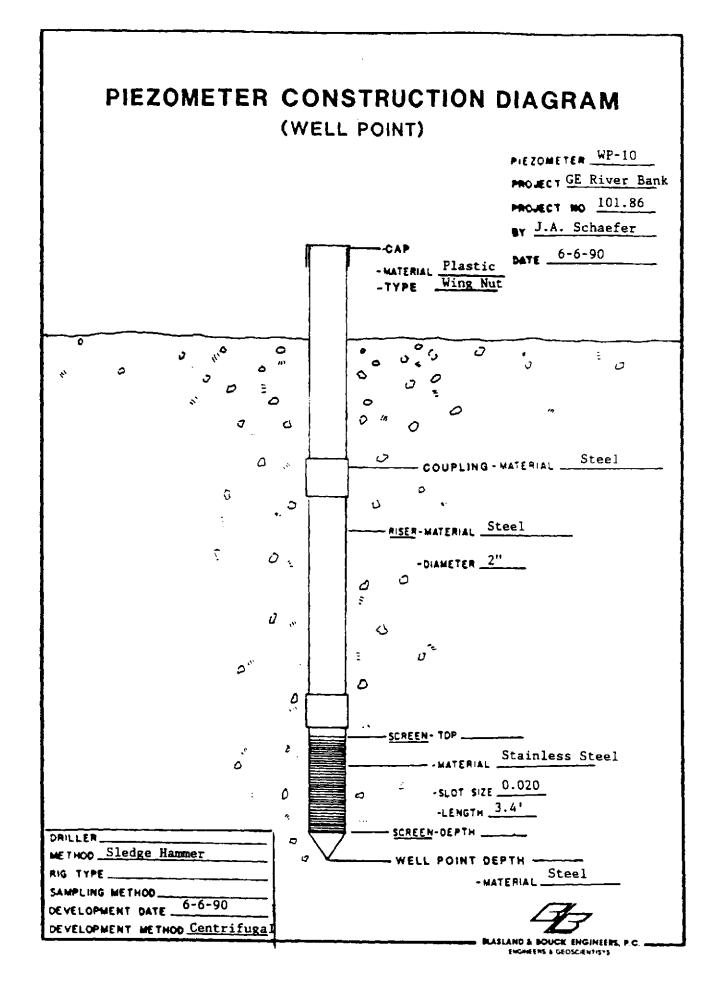


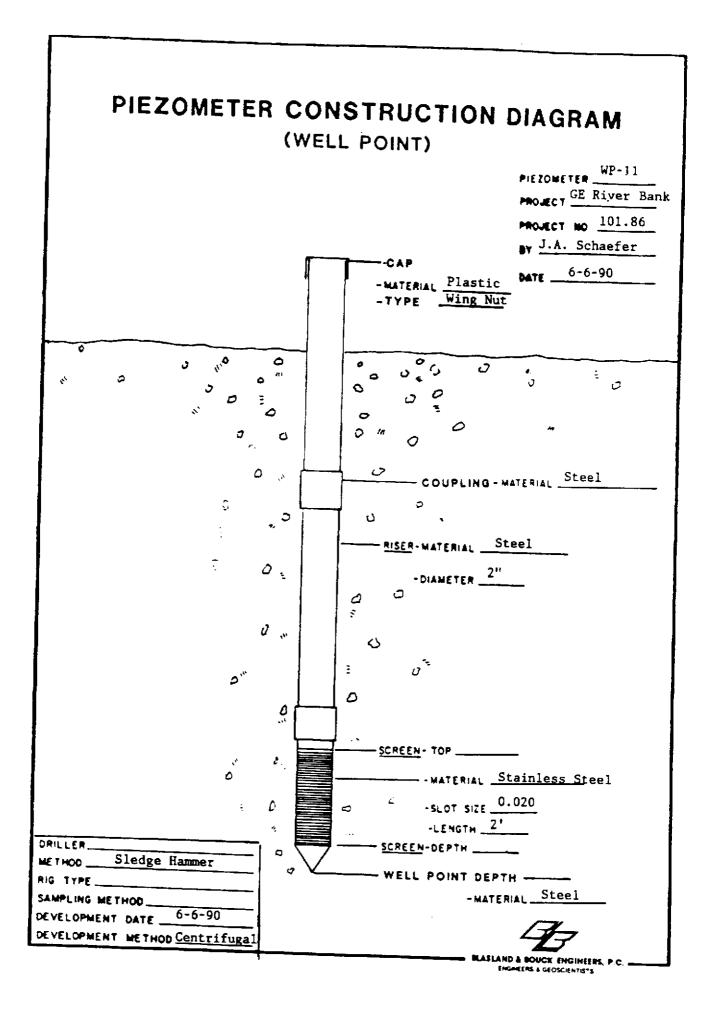




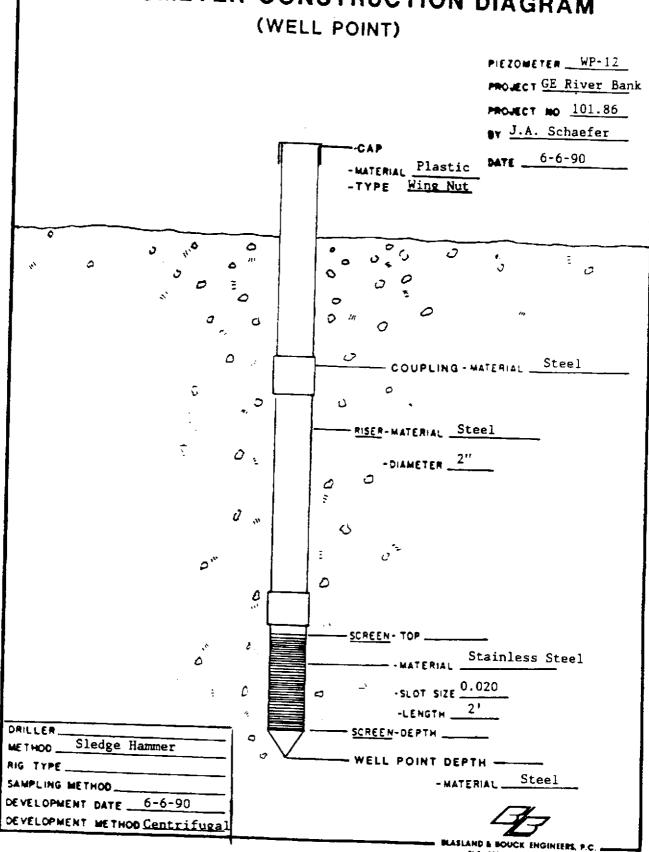




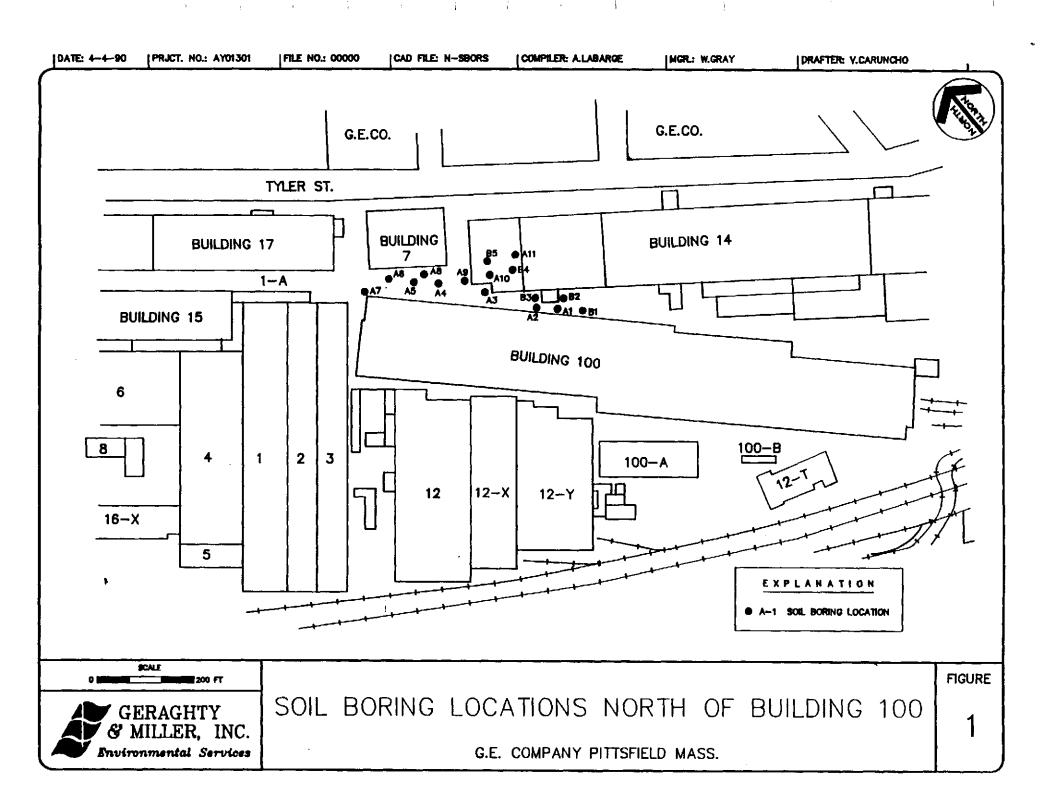




# PIEZOMETER CONSTRUCTION DIAGRAM (WELL POINT)



ENGMEERS & GEOSCIENTISTS





						Drilling Started 02							
Location	<u>Outs</u>	ide G.	E. Build	ing 100	)	Started <u>02</u>					ed <u>02/</u> 2	21/90	
Length a	and Diam	neter				inches	Сс	pe of Sar oring Dev	vice _	Splij			
					☐ Surveyed ☐ Estimated Datum								
<b>-</b>					Drilling  1 Testing  Driller  Oriller								
Prepared By						11-					•		
Sample/C	ore Depth land surface) To		Time/Hydrautic Pressure or Blows per 6 inches					Core Descript			·		
				1.5	feet of	concrete.	Re	efusal	of	split	t spoor	and	
				core	barrel	at 1.5 fee	t.		-				
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Boring/	Well	<u>A2</u>	Pro	ject/No.	NY03503		<del></del> _	<del></del>	Page_	1	_ of	1
Site Location	n <u>Out</u>	side.	GE	Bldg.	100	Drilling Started_	2/21/	90	Drilling Completed	12	/21/	90
					Hole Diameter							
Length of Corin	and Dia 1g Devic	meter e		2' x 2'			Sa	ampling li	nterval	2_		fee
Land-Su	urface E	ev		feet	□ Surveyed	☐ Estimate	d Da	atum				
Drilling	Fluid Us	sed	None	2		<del> </del>	Dr	illing Met	hoa <u>HS</u>	SA		
Drilling Contrac	tor	So	il ar	nd Mate	rial Testing						oe	
Prepare By	a 	A. La	Baro	je			Ha We	mmer eight <u>1</u>	40 Ha	mmer ,	30	_inches
Samole/( (feet below From	Core Death land surface To	ri Con Recovi (feet	ery 1	me/Hydraulic Pressure or Blows per 6 inches			Sample/Core	Description				
0	2	1.1		15-15 -10-7	90% sand, f	ine-medium	grain,	, brown	; 5% gra	vel,	sma	11-
		i i		· · · · · · · · · · · · · · · · · · ·	medium; 5%	silt, grey	, fine					
	1	İ										
2	3	0.3	3	7-7	Same							
		!										
					(1.5 ft. co	ncrete abo	ve samp	le leve	el)			
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Boring/	Well	A-3	_ Project/No.	NY03503	<del> </del>	<u></u>	Page	1of1
Site Location	out	side	GE Bldg.	100	Drilling Started	2/21/90	Drilling Completed	2/21/90
Total De	eoth Driile	ed	3feet	Hole Diameter_		Type of es Caring (	Samole/ Device <u>Split</u>	Spoon
Length of Corin	and Diar ng Device	meter e	2' x 2'	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	Sam	piing Interval	fee
Lang-Su	uface Ele	ev	feet	□ Surveyea	☐ Estima	tea Datur	m	
Drilling .	Fluid Usi	ed	None			Drillin	ng Method HS.	<u>A</u>
Drilling Contract	tor	Soi					illey Heipei	
Prepare By	a ,	4. <u>La</u>	Barge		<del> </del>	Hamn Weigh	ner Han nt 140 Drop	nmer p <u>30</u> nches
Samole/C	Core Depth land surface:		Time/Hydraulic Pressure or ry Blows per 6			Sample/Core Desc		
Ω	,	0.5	16-15	70% sand	fine-medi	ım grain.	light brown;	25% gravel
		\\\\\	-10-0				fine.	
			1					
2	3		6-8	No recover	. A			
· <del></del>		<u> </u>						· - · - · - · · · · · · · · · · · · · ·
<del></del>				(0.82 ft.	concrete a	bove sampl	le level)	
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Boring/	Well	A-4	Proj	ect/No	NY03503			Page	1	of1
Site Location	outs	ide	GE B	lldg.	100	DrillingStarted_	2/21/90	Drilling Complete	ea <u>2</u> /	/21/90
							Type of Sams Coring Devi			
Length of Corir	and Diai ng Devici	meter e	2	!' x 2"			Sampling	j interval _	2	fee
Land-Si	urface El	ev		feet	□ Surveyea	☐ Estimate	ed Datum_			
Drilling	Fluid Us	ed _	None	<u>!</u>			Drilling M	lethod	HSA	
Drilling Contrac	tor	So	il an	d Mate	rial Testing	L <u> </u>	DrillerGille	eyHei	perJo	e
Prepare By	· a	4. L	aBarg	е			Hammer Weight _	140	lammer Prop <u>3</u>	0inche
	Core Depth land surface To	) Car Recov (fee	rery B	ne/Hydraulic ressure or lows per 6 inches			Sample/Core Descriptio	វា		
0	2	0.		83-54 -21-12	80% sand	madium arai	in, light bro	nun: 159	avaval	
¥				<u>-21-32</u>			;, grey fine.		-gravet	
									<u> </u>	
2	3			14-17	No recover	у				
						· · · · · ·				
		ļ		· · · · · ·	(0.75 ft c	oncrete abo	ve sample le	evel)		
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Boring/	Well	<u>A-5</u>	Project/No	NY03503	· · · · · · · · · · · · · · · · · · ·		Page	<u>l</u> of	1
Site Locatio	n	G	E Bldg.	100	Drilling Started	2/22/90	Drilling _ Completed	2/22/	90
				Hole Diameter_					
Length of Cori	and Diar ng Device	meter =	2' x 2"			Sampling	interval	2	tee
				□ Surveyed					
		ed <u>No</u>	one	<del> </del>	<del></del>	Drilling M	ethoa <u>HS/</u>	<u> </u>	
Drilling Contract	otor	Soil	and Mate	rial Testing					
Prepare By	ed /	A. LaBa	arge			Hammer Weight	140 Ham Drop	mer 30	_inches
	Come Depth land surface To	Core Recovery (feet)	Time/Hydrautic Pressure or Blows per 6 inches		s	ample/Core Description	1		
n	1 2	1'4"	100-100 -80-82	80% fine-m	edium sand.	brown; 15%	gravel-med	ium; 5%	
				fine silt,					
	l I			(0.8 ft. c	oncrete abov	ve sample de	epth)		
		<u> </u>							
2	3	0.8'	52~35	Same - as a	bove (coarse	er gravel)			
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				Drilling Drilling Started 2/22/90 Completed 2/22/90	
Total D	epth Drille	ea	3feet	Hole Diameter 2 inches Coring Device Split Spoon	
Length of Cont	and Diar	meter e	2' x 2"	Sampling Interval 2	ee
Land-S	urface Ele	ev	feet	Surveyed Stimated Datum	
Draing	Fluid Us	ed <u>No</u>	one	Drilling MethodHSA	
Drilling Contract	ctor	Soi1	and Mate	rial Testing Driller Gilley Helper Joe	
Prepare	ea ,	A. LaBa	arge	Hammer Hammer Weight 140 Drop 30 inch	ies
Sample/	Core Death		Time/Hydrautic		
0	2	0.67	71-49	90% coarse red-brown sand; 10% medium-small gravel.	
	}	0.07	-33-24	30% Coarse red-brown sand, 10% medium-smarr graver.	
			!	(0.95 ft. concrete on top of soil)	
2	3		16-15	No recovery	
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PREPARED BY: A. LaBarge

#### SAMPLE/CORE LOG

PAGE: 1 of 1 BORING/WELL: A-7 PROJECT NO: NY03503 DRILLING SITE DRILLING. LOCATION: Bldg 100, GE-Pittsfield STARTED: 2/27/90 COMPLETED: 2/27/90 TYPE OF SAMPLE/ TOTAL DEPTH HOLE DRILLED: 14 feet CORING DEVICE: Split-Spoon DIAMETER: 6-1/4" LENGTH & DIAMETER SAMPLING OF CORING DEVICE: 2' x 2" INTERVAL: 2 feet LAND-SURFACE ( ) SURVEYED ( ) ESTIMATED DATUM: ELEVATION: DRILLING DRILLING FLUID USED: None METHOD: HSA DRILLING

HAMMER WEIGHT: 140

CONTRACTOR: Soil&Material Tsting DRILLER: Gilley

HELPER: Joe

inches

HAMMER DROP: 30

SAMPLE DEPTH CORE BLOW (FT BELOW RECVRY COUNTS LAND SURFACE) (FT) PER 6 SAMPLE/CORE DESCRIPTION INCHES FROM ΤΦ 10-16-2 2 0.7 90% sand, fine-medium, red-brown; 10% gravet, 8 - 11 small-medium 2 0.9 13-15-Same 17-16 ó 0.8 20-17-80% silty sand, very fine grained, brown; 20% grave(, 16-11 small. Small amount moisture on rods. 5 3 0.7 7-8-11-Same 26 Ç 20-100 Same, some moisture. At 9', hit sandstone -- refused 2 1.0 split-spoon -- have to drill it. 1.0 1.8 27-31-9 90% very fine grain silt, brown; 10% gravel, small. 30-100 27-32-1.0 1.2 1.8 Same 21-61 1.2 1 -0.3 100/4" Very wet. At 14", hit sandstone. Recovery is mostly sandstone chunks with some muddy water.



Boring	/Well	<u> A8</u>	Project/No. J	NY03503 Page 1 of 1	1
Site Locatio	n	G	E Bldg. 1	00 Drilling 2/21/90 Orilling Completed 2/21/90	)
				Hole Diameter 2 inches Coring Device Split Spoon	
Length of Con	and Diai ng Devic	meter e	2' x 2"	Sampling Interval 2	fee
Land-S	urface El	ev	feet	☐ Surveyed ☐ Estimated Datum	
		ea <u>No</u>	one	Drilling Method HSA	
Drilling Contrac	ctor	Soil	and Mate	rial Testing Driller Gilley Helper Joe	
Prepare By	ed .	A. LaBa	arge	Hammer Hammer 30 _{ir}	nches
Sample/	Core Depth riand surface To		Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description	
0	2	0.8	18-20 -17-11	90% sand, fine-medium, brown; 10% gravel, small-medi	um.
				(0.66 ft. concrete on top of sample)	
2	3	0.5	32-100	90% sand (same as above) 10% medium-large gravel	
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Boring/V	Vell	<u>A-9</u>	Project/No.	NY03503			Pa	age <u>1</u>	of_	11
Site Location	l	G	E Bldg. 1	00	Drilling Started	2/22/90	Drillin Comp	g Dietea _	2/22	/90
						Type of Sa es Coring Dev				
Length a of Conn	and Diar g Device	meter e	2' x 2"			Sampiir	ng interva	l	2	fee
Land-Su	rface Eli	ev	feet	□ Surveyea	☐ Estimat	tea Datum_				
	Fluid Us	ea <u>N</u>	one			Drilling	Methoa	<u>HSA</u>		
		Soil	and Mate	rial Testino	<u> </u>	Driller Gil	ley	Helper_	Joe	
Prepared By	<u> </u>	A. LaBa	arge	<del></del>		Hammei Weight	140	Hamr Drop_	ner 30	nches
Sample/Co (feet below in From		Core Recovery (feet)	Time/Hydrautic Pressure or Blows per 6 inches			Sample/Core Descript	ion			
٥	2	0.8	17-24 -12-11	75% sand,	fine, brow	n; 20% silt	fine.	gray;	5% gri	avel_
				small-medi						
_				(0.85 ft.	concrete o	ver top of s	ample	depth)	)	
										-
2	3	0	100/1"	Poor recov	ery, mostl	y fine gray	silt.			
			'							
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Boring/	WellA	<u>-10</u>	^o raject/No	NY03503 Page 1 of 1	_
Site Location	n	Gi	E Bldg. 1	Drilling Drilling 2/22/90 Drilling Completed 2/22/90	
				Hole Diameter 2 inches Coring Device Split Spoon	
Length of Corir	and Diar ng Device	meter e	2' x 2"	Samping interval2fe	ei
Land-Sc	urface Eli	ev	feet	Surveyed Estimated Datum	
	Fluid Us	ea <u>N</u> o	one	Drilling Methoa HSA	
Drilling Contrac	tor	Soil	and Mate	rial Testing Driller Gilley Helper Joe	
Prepare By	ed ,	A. LaBa	arge	Hammer Hammer 30 Inchi	es
	Core Depth land surface: To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	Sample/Core Description	
a	2	1.0	8-23 -100-90	90% fine grained sand, brown; 5% gray fine silt;	
		<u> </u>  -  -		5% small-medium gravel.	
	 	1			
		 		(0.9 ft. concrete above sample level)	
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2	3		95-96	No recovery.	
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Boring/	Well	A-11	_Project/No	NY03503			Page	1 of.	1
Site Location	n		GE Bldg. l	4	Drilling Staneo	2/22/90	Drilling _ Completed	2/22	2/90
				Hole Diameter_		-			
Length of Carir	and Diar ng Device	meter e	2' x 2"			Sampling	interval	2	fee
Land-St	urface Ele	ev	feet	□ Surveyea	☐ Estimated	i Datum			
	Fluid Us	ed	None		<del></del>	Drilling M	ethoa HS/	1	
Drilling Contrac	tor	Soi	and Mate	rial Testing					
Prepare By	a	A. Lal	Barge			Hammer Weight	140 Harr Drop	mer 30	inches
	Core Depth land surrace To	Core Recover (feet)	inches		S.	ample/Core Description	n		
0	2	1.2	20-22 -23-18	95% very f	ine grained	sand, light	t brown; 3%	very very	fine
				gray silt;	2% small-me	dium gravel	ļ	· 	
2	3	0.5	24-30	Same.		<del></del>			
				(0.9 ft. co	oncrete abov	e sample le	vel)		
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NY03503 PAGE: 1 of 1 PROJECT NO: BORING/WELL: B - 1 DRILLING SITE DRILLING COMPLETED: LOCATION: Bldg. 100, GE-Pittsfield STARTED: 2/28/90 2/28/90 TOTAL DEPTH HOLE TYPE OF SAMPLE/ DRILLED: 6-1/4" CORING DEVICE: Split-Spoon 20 ft DIAMETER: LENGTH & DIAMETER SAMPLING 2 ft OF CORING DEVICE: 2' x 2" INTERVAL: ( ) SURVEYED ( ) ESTIMATED LAND-SURFACE DATUM: ELEVATION: DRILLING DRILLING FLUID USED: None METHOD: HSA DRILLING Gilley CONTRACTOR: HELPER: Soil&Material Tsting DRILLER: Joe A. LaBarge PREPARED SY: HAMMER WEIGHT: 140 HAMMER DROP: 30 inches

SAMPLE D (FT BE	LOM	CORE RECVRY (FT)	BLOW COUNTS PER 6 INCHES	(1.4 ft. concrete above sample depth)  SAMPLE/CORE DESCRIPTION
FROM	70		INCHES	
0	2	0.9	7-29-	80% silt, fine, brown-gray; 15% gravel, medium-
			13-13	targe; 5% sand, brown, fine-medium
2	3	0.7	13-14	Same
4	5	0.9	32-22-	90% silt, very fine grain, gray-brown; 10% gravel,
			32-29	small
6	9	1.3	16-14-	80% silt, very fine grain, gray-brown; 10% sand, fine,
-			15-22	red-brown; 10% gravel, small
8	10	1	34-32-	50% silt, fine, brown; 40% sand, fine, red-brown;
			34-38	10% gravel, small
. 0	1.2	1.5	14-21-	60% silt, fine, gray; 30% sand, fine, brown;
			23-32	10% gravel, small
: 2	14	1.4	30-47-	80% silt, fine gray; 10% sand, fine, brown;
			72-74	10% gravel, small (MOISTURE ON RODS)
14	16	1.3	18-28-	60% silt, fine, gray; 40% sand, very fine
			20-28	red brown
٠ 5	1.8	0.4	38-100-	60% silt, very fine, gray; 40% sand, very fine,
			90-70	red-brown
1.8	20	1.5	50-56-	70% very fine sand, red-brown; 30% fine gray, sitt
			70-72	·



				NY03503					
Site Location	outs	ide G	E Bldg.	100	Drilling Started	2/22/90	Drilling Completed	2/27	2/90
Total De	pth Drille	a	3 feet	Hole Diameter	2ncnes	Type of Samo Coring Device	Split	Spoon	1
Length a of Coring	and Diam g Device	neter ——	2' x 2			Sampling	interval	_2	fe <u>e</u> t
Land-Su	rface Ele	V	feet	☐ Surveyed	☐ Estimated	: Datum			
	iua Use	a <u>N</u>	one	· · · · · · · · · · · · · · · · · · ·		Drilling Me	tnod HS.	Α	
Drilling Contracti	or	Soil	and Mate	erial Testing		OrillerGille	YHelper	Joe	
Prepared By	Д	. LaB	arge			Hammer Weight	140 Han Droi	nmer 30	nches
Sample/Co (feet below to From	ore Depth end surface: To	Care Recovery (feet)	Time/Hydraulid Pressure or Blows per 6 inches	:	s	ample/Core Description			
0	2	1	12-8	50% sand, v	/erv coarse	grain brow	n: 50% ar	avel	
,			33 20	small-mediu		gram, brow	11, 30 m q1	uver,	
					<u> </u>				
2	3	0.42	4-5	70% silt, o	lark gray,	fine; 20% sa	nd, mediu	m, bro	wn;
				10% gravel,	medium-la	rge.			
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Boring/	WellB	<u>-3</u> .	Project/No	<u>NY03503</u>	<del></del>		Page	$_{-1}$ of $_{-}$	1
Site Location	n <u>GE</u> ,	Betwe	en Bldgs.	14 & 100	Drilling Started	2/22/90	Drilling Completed	2/22	/90
				Hole Diameter _		_			
Length of Cont	and Diar ng Device	neter •	2' x 2"			Sampling	j Interval	2	fee
Land-St	urface Ele	ev	feet	□ Surveyed	☐ Estimated	Datum			
	Fluid Us	ea <u>No</u>	ne			Drilling M	tethoa <u>HS</u>	Α	
Drilling Contrac	tor	Soil	and Mate	rial Testing	D	rillerGill	<u>ey</u> Helpe	rJoe_	
Prepare By	ed .	4. LaBa	irge			Hammer Weight _	140 Har	nmer p 30	_:nches
Sample/G	Core Death land surrace: To		Time/Hydraulic Pressure or Blows per 6 inches			ample/Core Description			
0	2	0.35	3-3 -9-10	Very coars	e sand; 50%	coarse san	d. red-bro	own: 50%	
				small-medi					
				(1ft. conc	rete above s	sample leve	1)		
2	3	0.3	16-9	80% very f	ine silt, gr	ay; 10% fi	ne sand, b	rown;	
				10% gravel	small-mediu	ım.			
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Boring/	Well	<u>B-4</u>	, Project/No.	NY03503			Page	1 of1_	
Site Location	n	(	GE Bldg.	14	Drilling Started	2/22/90	Drilling _ Completed	2/22/90	
				Hole Diameter 2		•			
Length of Conr	and Diai ng Devici	meter e	2' x 2'			Sampling	Interval		fee
Land-Si	urface El	<b>e</b> v	feet	☐ Surveyed	□ Estimated	Datum			
	Fluia Us	ea <u>N</u>	lone	· · · · · · · · · · · · · · · · · · ·		Drilling M	ethodHS/	1	
Drilling Contrac	tor	Soil	and Mate	rial Testing	D	riller Gille	<u>¥y</u> H <b>e</b> lper	Joe	
Prepare By	:a	A. LaB	Barge			Hammer Weignt	140 Harr Drog	nmer 30 nor	nes
	Core Depth land surface To	Core Recovery (feet)	Time/Hydrautic Pressure or Blows per 6 inches		Si	ample/Core Description	n		
0	2	0.2	1-1 -5-10	Small amount	of recove	ery; 90% ver	ry fine gra	ained sand,	
İ				brown; 5% si	lt, fine,	brown; 5% s	small-medi	um gravel.	
		į							
2	3	0.1	9-9	Same as above	e. (wet)				
	!	! ] !							
	<u> </u>			(0.9 ft. cond	rete abov	e sample le	evel)		
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Boring	WellB-5	Project/No	NY03503			Page	1 of I
			4				
			Hole Diameter		_		
Length of Corr	and Dametering Device	2' x 2"	· · · · · · · · · · · · · · · · · · ·		Sampling	g Interval	2fee
Land-Si	urface Elev	feet	□ Surveyea	☐ Estimated	ı Datum_		<del></del>
Drilling	Fluia Usea1	None			Drilling M	Methoa HSA	
Drilling Contrac	ctorSoil	and Mate	rial Testing	C	riller <u>Gill</u>	<u>ey</u> Helper	Joe
Prepare By	A. Lae	Barge			Hammer Weight _	140 Harr Drop	imer 30inche
Sample/ (feet below From	Core Death land surface: Core Recovery To (feet)	Time/Hydraulic Pressure or Blows per 6 inches		s	iample/Core Descriptio	วก	
0	2 0.5	100-100 -80-100	1	t and some	soil lina	ble to go t	a denth
	1 1						
	:		due to somet	ining under	cement.	Kerusai art	er u.b .
2	3	100-100	No recovery.	·			
	;		(0.9 ft. com	crete abov	e sample l	evel)	
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# MCP BORING LOGS AND MONITORING WELL CONSTRUCTION FORMS



Boring/V	x· Vell	·1 F	Project/No	AY05311	Page1 of
Site Location	GE,	Area 2 C	xbow, Source	10	Drilling 7-2-91 Drilling 7-2-91 Started Completed
		10 ed	) feet H	Hole Diameter_	6 1/4 Type of Sample/ split-spoon inches Coring Device
Length a of Corin	and Dian g Device	neter -	2' x 2"		Sampling Intervalfee
Land-Su	irface Ele		feet	☐ Surveyed	☐ Estimated Datum
	Fluid Use	ed	lane 		Drilling Method Hollow-Stem Auger
Drilling Contract	tor	en Berks	hires, Inc.		Oriller G. Rustemeyer Helper W. Pike
Prepared By		LaBarge			Hammer 140# Hammer 30 inche
Sample/O (feet below From	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE TO	Sample/Core Description
0	2	1.9	10-16-21-1	P2X010002	Fill: GRAVEL and ROCK fragments (60%) small to large, angular
					to crushed; Sand (40%) brown, coarse to fine, dry, loose; Stro
					chemical odor.
2	4	0.3	54-60/R	P2X010204	Fill: SAND (85%) brown-grey to grey, medium to fine, dry, loos
					Gravel (15%) small, subrounded. Spoon refusal at approximately
					3 feet. Auger to 4 feet.
4	6	1.0	8-34-9-7	P2X010406	Fill: SAND (85%) grey-brown, coarse to medium, slightly moist,
					loose; Gravel (15%) small to medium, subrounded;
}					hydrocarbon odor.
6	8	2.0	6-6-6-5	P2X010608	Fill/Natural Interface: SAND (90%) grey, coarse to medium,
					moist, loose; Gravel (10%) small to medium, subrounded; Slight
					hydrocarbon odor; Trace wood (roots?) at base.
8	10	2.0	6-3-3-5	P2X010810	Natural SAND (100%) grey to black, medium to fine, moist, roots
					and reeds; stratified; Trace fine gravel.
					Bottom of fill = 8 feet.
			·		



Boring/\	X-4 Nell	F	Project/No	AY05311	Page
Site Location	GE, AI	rea 2 Oxl	ром, Source I	D	Drilling 6-25-91 Drilling 6-26-91 Started Completed
Total De	epth Drille	14 ed	feet	Hole Diamete	6 1/4 Type of Sample/ split-spoon erinches Coring Device
Length :	and Dian	neter 2	' x 2"		Sampling Intervalfeet
Land-Su	ırface Ele	€V	feet	□ Survey	ed   Estimated Datum
Drilling I	Fluid Use	ed	ne		Drilling Method Hollow-Stem Auger
Drilling Contract	tor	n Berkshi	ires, Inc.		DrillerHelper_Helper_
Prepare By	d A. Li	Barge			Hammer _{140#} Hammer ₃₀ Weight Dropinches
	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
0	2	0.9	7-10-14-14	P2X040002	Fill: SAND (85%) light-brown, coarse to medium, loose, dry;
					Gravel (15%) small to large, rounded.
2	4	1.0	24-47-14-27	P2X040204	Fill: SAND (80%) stained black, coarse to fine, loose to compact
		_			at base, dry, strong hydrocarbon odor; Gravel (20%) small to
					medium, subrounded; Trace brick, small purple material.
4	6	1.0	5-7-10-17	P2X040406	Same as above, strong hydrocarbon odor, trace glass.
6	8	1.2	11-8-9-8	P2x040608	Fill: SAND (70%) stained black, coarse to medium, compact,
					moist, strong hydrocarbon odor; Gravel (15%) small to large,
					subangular; Other fill material (15%) wood, brick, glass.
8	10	0.9	9-15-9-11	P2X040810	Fill: SAND (50%) brown to black, coarse to medium, loose, moist,
					strong hydrocarbon odor; Gravel (20%) small to medium, rounded;
					Other fill material (30%) wood, trace brick.
10	12	1.2	12-10-45-11	P2x041012	FILL (80%) large wood fragments, pressed board; Gravel (10%)
					medium, subrounded; Sand (10%) stained black, coarse to fine,
		<u> </u> 			moist, strong hydrocarbon oder.
12	14	1.8	10-11-10-8	P2X041214	Fill/Natural Interface: Top 5 ^M is fill as above (30%), wood,
					gravel, pressed board. Change at ~ 13 ft to Sand (70%) coarse
					to medium, well-sorted, brown-grey to stained black, wet.
					Bottom of fill = 13 feet.
)	}	)	1		Depth to Water = 13 feet.



Borina/W	x /ell	-5	Project/No.	AY05311			_ Page	of	1
<b>~</b> :	GE,		Oxbow, Source	e ID	Drilling Started	6-25-91	Drilling	6-25-91	
Total Dep	oth Drille	d	12 feet	Hole Diameter_	6 1/4 inches	Type of Samp Coring Device	ole/ spli e	t-spoon	
			2' x 2"			Sampling	Interval	2	feet
Land-Sur	face Ele	V		☐ Surveyed	☐ Estimated	Datum			
Drilling F	luid Use	.d	None			Drilling Me	ethodHol	low-Stem Au	iger
Drilling Contracto	or	ean Ber	kshires, Inc.	<del></del>	Dı	rillerG. Rus	teneyer Helper	W. Pike	! 
Prepared By	A.	LaBarg	e			Hammer Weight	140# Han Dro	nmer 30 p	_inches
Sample/Co (feet below to From	ore Depth and surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Se	imple/Core Description	I.		
0	2	1.6	5-12-12-3	3 P2X050002	Fill: SAND (75%)	brown to black	, coarse to f	ine, dry, t	oose at
- <del>-</del>					top to compact a	t base; Gravel	(15%) small t	o medium, s	sub-
					rounded; Other f	ill material (10	0%) cardboard	, wood.	
2	4	1.1	2-9-12-9	P2X050204	Fill: SAND (80%)	brown to black	, coarse to f	ine, dry, l	oose;
					Gravel (10%) sma	ll to medium, s	ubrounded; Ot	her fill (1	0%>
					brick, wood.				
4	6	1.2	6-5-6-7	P2X050406	Fill: SAND (70%)	brown to olive	-brown, coars	e to fine,	moist,
					loose at top, mo	re compact at b	ase; Gravel (	20%) small	to
					medium, subround	ed; Other fill s	naterial (10%	) brick,	
		!		]	large mica fragm	ents, wood.			
6	8	0.7	6-10-15-	P2X050608	Fill: SAND (70%)	stained black,	coarse to fi	ne, moist,	slight
			60/R		hydrocarbon odor	; Gravel (15%) :	small to medi	um, subroun	ided;
					Other fill mater	ial (15%) large	wood fragmen	ts. Wood s	tuck in
					shoe; spoon refu	sal at 7.5 feet;	; auger to 8	feet.	
8	10	0.3	10-15-10-	13 P2X050810	Fill: Same as ab	ove, poor recove	ary, Fill: me	tal, cerami	c, wood
					pushing wood. N	atural at approx	ximately 10 f	eet.	
10	12	1.7	10-12-7-9	P2X051012	Fill/Natural Int	erface at - 10 1	ft. Fill: SAN	D (30%) sta	ined
					black, coarse to	fine, moist, s	light hydroca	rbon oder;	Fill
					material (20%) w	ood; Change at 9	) ft to natur	al Sand (50	%) coars
			}		to medium, well-	sorted, moist,	loose. Bott	om of fill=	10 feet



Boring/V	x- Vell	6 F	Project/No	AY05311			Page	<b>1</b> of	1
Site Location	GE,	Area 2 O	xbow, Source	10	Drilling 6-25 Started	-91 Drii Coi	lling mpleted	6-25-91	
Total De	pth Drille and Diam	10 ed	feet H	Hole Diameter_	6 1/4 Ty	rpe of Sample/ oring Device	Split-sp	poon	
of Coring	g Device		<u> </u>			_ Sampling Inter	val		feet
Land-Su	rface Ele				□ Estimated				
	Fluid Use	ed	ione			_ Drilling Method	HOLLOW-	-Stem Aug	ger 
Drilling Contract	or	an Berks			Driller				
Prepared By		La8arge				Hammer 140# Weight			_inches
Sample/C (feet below I	ore Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample	/Core Description			
0	2	0.7	16-24-28-28	P2X060002	Fill: SAND (60%) brow	n to black, coar	se to fine,	, dry, lo	oose;
					Gravel (40%) angular	to rounded, smal	l to large;	slight	black
					staining on sand; Tra	ce brick, micace	ous flakes,	, slight	hydro-
					carbon odor.				
2	4	0.8	19-17-12-20	P2X060204	Fill: SAND (75%) brow	n to stained bla	ick, coarse	to fine,	loose,
					dry; Gravel (15%) sma	il to large, sub	angular; Ot	ther fill	
					material (10%) Wood,	Brick, Cellophan	e paper, st	trong	
					hydrocarbon odor.				
4	6	0.2	24-15-9-7	P2X060406	Fill: SAND (80%) stai	ned black, coars	e to fine,	loose, m	noist;
					Gravel (15%) small, s	ubrounded; Other	fill mater	rial (5%)	
					Ceramic, Cellophane p	aper, Wood. Stro	ng hydrocar	bon odor	
6	8	2.0	9-10-7-7	P2X060608	Fill/Natural Interfac	e approximately	7 feet; Sar	nd as abo	ove (30%)
					with fill material (2	0%) Wood, Plasti	c, Cellopha	ane to 7	feet;
					Natural: SAND (50%) c	oarse to medium,	trace fine	e, well-s	orted,
					brown-grey with roots	, moist.			
8	10	2.0	7-5-4-4	P2X060810	Natural: SAND (100%)	coarse to mediu	π, trace fi	ine, brow	m-grey,
		<del></del>		· ————————————————————————————————————	well-sorted, moist, l	oose, trace orga	nics, stror	ng hydrod	arbon
					odor.				
					Bottom of fill = 7 fe	et.			
									- 1



BorinaA	X- Well	7	Project/No.	AY05311	Page 1 2
	GE,		Oxbow, Source	ID	Drilling 6-26-91 Drilling 6-26-91 Started Completed
Total De	epth Drille	•d	5 feet	Hole Diameter	
Length :	and Diam	neter	2' x 2"		Sampling Intervalfeet
Land-Su	ırface Ele			☐ Surveyed	☐ Estimated Datum
	Fluid Use	ed	lone		Drilling Method Hollow-Stem Auger
Drilling Contract	torcle	an Berks	shires, Inc.		Driller G. Rustemeyer Helper W. Pike
Prepare By		L <b>a</b> Barge			Hammer 140# Hammer 30 inches
	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
0	2	1.3	3-10-12-10	P2X070002	Fill: SAND (90%) brown to black, coarse to medium, trace fine,
					dry, loose; Gravel (10%) small, subrounded to rounded; slight
					hydrocarbon odor; Trace roots.
2	4	1.0	12-8-6-6	P2X070204	Fill: SAND (90%) brown to black, coarse to medium, trace fine,
					dry, loose; Gravel (10%) small, rounded; Trace cinders, charred
					Trace roots; strong hydrocarbon odor.
4	6	2.0	2-4-4-3	P2X070406	Fill: SAND (95%) brown to stained black, coarse to medium, well-
					sorted, moist; Trace fine gravel, rounded; Trace cinders; strong
					hydrocarbon odor.
6	8	1.4	3-4-3-4	P2X070608	Fill: Sand as above (50%), trace wood, no cinders observed,
		!			thick asbestos installation (50%).
8	10	1.2	1-2-3-2	P2X070810	Fill: SAND (100%) coarse to medium, brown-grey, well-sorted,
					moist; strong hydrocarbon odor, Trace very fine gravel; Trace
					roots, decayed organics.
10	12	1.0	4-3-2-4	P2X071012	SAND (40%) as above; Wood (50%) large pieces, strong hydrocarbon
					odor; Trace brick, moist to wet.
12	14	2.0	2-4-4-3	P2x071214	SAND (90%) brown-grey, coarse to medium, well-sorted, wet; Oily
					sheen on sediments; Wood (10%) broken fragments; Trace brick.
	-				



# SAMPLE/CORE LOG (Cont.d)

Boring/V	vellx	-7			Page2of2
	Depth and surface)	Core	Time/Hydraulic Pressure or		
From	То	Recovery (feet)	Blows per 6 inches	SAMPLE ID	Sample/Core Description
14	16	1.9	6-7-7-15	P2X071416	SAND (80%) moderate to well-sorted, brown grey to stained
					black, wet; Dily sheen on sediments; Roots; appears as river
					sediments, coarse gravel (rounded) mixed with sand.
					Bottom of fill = 14 feet.
	-				Depth to Water = 12 feet.
 	<u> </u>				
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Boring A	X-i Neli	8 -	Project/No	AY05311			Page	1	of1	
Site Location	GE,	Area 2 O	xbow, Source	ID	Drilling 6-28 Started	i-91 [	Orilling	6-28-	91	
Length a	pth Drille and Dian	ed	feet H	Hole Diameter.	6 1/4 Tyinches C	pe of Sample oring Device	Split	-spoon		
of Corin	g Device	·				_ Sampling In	terval		f	eet
			feet			Datum				
	Fluid Use	ed				_Drilling Meth	od		- Augei	
Drilling Contract	tor	an Berks	hires, Inc.			G. Rusteme				
Prepare By		LaBarge	·			Hammer 140 Weight				
Sample/0 (feet below From	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 Inches	SAMPLE ID	Sample	/Cors Description				
0	2	1.3	5-11-21-23	P2X080002	Fill: SAND (70%) brow	n to stained b	olack, coar	se to f	ine, dry,	,
	<del>                                     </del>				loose; Gravel (25%) s	mall to medium	ı, subround	ed; Oth	er fill	
					material (5%) brick,	scoriaceous co	el-slag; s	trong h	ydrocarbo	מג
					odor.					
2	4	1.2	18-19-17-40	P2X080204	Fill: SAND (75%) stai	ned black, dry	, coarse to	o fine;	Gravel	_
					(20%) small to large;	subrounded to	subangula	r; Othe	r fill	
					material (5%) brick,	coal-slag; str	ong hydroc	erbon o	dor.	
4	6	0.9	5-10-17-42	P2X080406	Fill: SAND (90%) stai	ned black, moi	st, medium	to fin	e; Gravel	٠ .
					(10%) small, subround	ed; Trace bric	k; very st	rong hy	drocarbon	,
					odor.					
6	8	0.8	19-10-9-10	P2X080608	Fill: Same as above,	moist, strong	hydrocarbo	n odor;	trace br	-i c
8	10	0.4	12-21-12-10	P2X080810	Fill: SAND (90%) brow	n to stained b	lack, mois	t, stro	ng hydro-	
					carbon odor; Gravel (	10%) small to	medium, sul	brounde	d.	
10	12	0.4	9-26-12-14	P2X081012	Poor Recovery, wood i	n shoe. Fill:	SAND (75%)	staine	d black,	
ļ					moist to wet, strong	hydrocarbon od	or; Gravel	(20%)	small to	
					medium, rounded; Othe	r fill (5%) br	ick, wood,	cellop	hane.	
12	14	1.9	13-12-16-15	P2X081214	Natural soil; SAND (1	00%) coarse to	medium, w	ell-sor	ted, wet,	
					oily sheen on sedimen	ts; Trace fine	gravel, r	ounded,	roots.	
					Bottom of fill = 13 f	eet.				
				<del>-</del>	Depth to water = 12 f	eet.	<del></del>			



Boring	x-9 Well		Project/No.	AY05311	Page 1 2
Site	GE. A	rea 2 Ox	bow. Source 1	1D	Drilling 7-1-91 Drilling 7-1-91 Started Completed
Length	and Dian	neter 2	feet		6 1/4 Type of Sample/ split-spoon inches Coring Device
	_				d 🗆 Estimated Datum
	Fluid Use		ne	-	Drilling Method Hollow-Stem Auger
Drilling			ires lac		Driller G. Rustemeyer Helper W. Pike
Prepare By	ed A. L.	aBarge			Hammer _{140#} Hammer ₃₀ WeightDropinches
Sample (feet below From	/Core Depth v land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
a	2	1.0	9-17-18-19	P2X090002	Fill: SAND (80%) brown to black, coarse to fine, dry, loose to
-					slightly compact; Gravel (15%) small to medium, subrounded;
					Other fill (5%) asphalt, metal.
2	4	1.4	21-18-12-11	P2X090204	Fill: SAND (90%) brown, medium to fine, loose, dry to slightly
		,			moist; Gravel (10%) small, subrounded to rounded.
4	6	0.5	21-45-18-60	P2X090406	SAND (95%) brown-grey, medium to fine, moist; Gravel (5%) small,
					rounded; Trace roots.
6	8	0.3	7-10-8-5	P2X090608	Metal coming up on augers. Fill: SAND (95%) brown to stained
					black, medium to fine, moist to wet, strong hydrocarbon odor;
:					Gravel (5%) small, rounded. Metal is holding some water at
					approximately 7 feet.
8	10	1.2	3-5-8-7	P2X090810	SAMD (100%) coarse to medium, wet, brown to black, trace roots.
					Hydrocarbon odor.
10	12	0.9	6-5-2-6	P2X091012	Fill: SAND (95%) brown to black, moist to wet, coarse to medium;
					Gravel (5%) small, subrounded; Trace wood, asphalt (?).
12	14	2.0	7-12-14-17	P2X091214	Natural: SAND (75%) brown to green-brown, coarse to fine, wet;
					Gravel (20%) small, rounded; Silt (5%) green-brown, fine; No
					hydrocarbon odor in natural sediments. Appears as river
					sediments.
					Bottom of fill = 13 feet, Depth to water = 13 feet.



Boring/V	Velix	-10 F	Project/No	AY05311			Pag	je	I of	1
Site Location	GE,	Area 2	Oxbow, Source	: ID	Drilling Started	7-2- <b>9</b> 1	Drilling Compl	eted ;	7-2-91	···
Total De	pth Drille	d	z feet l	Hole Diameter_	6 1/4 inches	Type of Samp Coring Device	le/ )	Split-sp	ooon	
Length a	and Vian	neter	2' x 2"					2		feet
			feet	•						
Drilling f	Fluid Use	ed	None			Drilling Me	thod	Hollow	Stem Au	ger
Drilling Contract	tor	ean Berk	shires, Inc.		Dr	illerG. Rust	emeyer	lelper	W. Pike	
Prepared			·			Hammer Weight	140#	Hamme _ Drop _	er 30	_inches
Sample/C (feet below   From	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 Inches	SAMPLE ID	Sai	mple/Core Description				
0	2	1.2	5-8-8-8	P2X100002	Fill: SAND (80%)	light brown, co	arse to	medium,	dry, lo	ose;
					Other fill materi	al (20%) brick,	wood,	gravel, s	mall to	large,
		···			subangular.				· • • • • • • • • • • • • • • • • • • •	
2	4	0.3	6-4-2-6	P2X100204	Fill: SAND (90%)	brown, medium,	dry, lo	ose; Grav	rel (10%	) small.
				1.00 2181 2111	subrounded; Trace	wood.		_		
4	6	0.2	7-14-9-12		No soil recovery,	no sample subm	itted.	GRAVEL (1	00%) me	dium,
-					angular, thick co	al-tar on spoon	, with	oily shee	n; Trac	e sand,
					coerse, stained b	rown, strong ta	r/hydro	carbon oc	lor. Rem	ains of
					rusted barrel in	hole.				
6	8	0.1	10-6-2-6	P2X100608	Fill: Poor recove	ry, coarse SAND	and sm	all Grave	l mixtu	re (100%)
					stained dark brow	n with thick co	al tar,	saturate	d; stro	ng tar/
		i			hydrocarbon odor.				-	
8	10	0.2	6-10-13-21	P2X100810	Fill: GRAVEL (80%	) large, angula	r; Sand	(20%) st	ained d	ark brown
					with thick coal t	ar; coarse to m	edium, s	saturated	; strong	g tar/
					hydrocarbon odor.					
10	12	2.0	10-11-12-9	P2X101012	Fill/Natural Inte	rface: Top 1' is	s GRAVEL	. (30%) m	edium to	o large
					angular; with San	d (20%) stained	dark br	own with	coal to	Br,
					coarse, saturated	; Bottom 1' is o	natural	Sand (50	%) fine	, stained
					black, saturated	with tar, roots	. Strong	hydroca	rbon ode	or.
					Bottom of fill =	11 ft. Augered 1	through	rusted b	arret at	- 4 ft.



			Project/No			<u>.</u>		of_	
Site Location	GE, /	Area 2 O	xbow, Source	ID	Drilling 7: Started	-1-91	Drilling Completed	<del>7-1-91</del> ا	
Total De	epth Drille	18 d	feet	Hole Diameter	6 1/4 inches	Type of Samp Coring Device	ole/ spli ∋	t-speen	
Length of Corin	and Dian ig Device	neter	2' x 2"			Sampling	Interval	2	feet
			feet	-	☐ Estimated				
Drilling I	Fluid Use	ed	on <del>e</del>			Drilling Me	thod	low-Stem Au	iger
Drilling Contract	tor	en Berks	hires, Inc.		Dri	G. Ruste	meyer Help	erer	; 
Prepare By	d A.	LaBarge					<b>40#</b> Ha		
	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	San	nple/Core Description			
a	2	1.2	8-9-9-11	P2X110002	Fill: SAND (70%) be	rown to grey-br	own, coarse	to fine, d	iry,
					loose; Gravel (20%	) small, subang	ular to sub	rounded; Si	lt (10%)
					green-brown; fine,	dry; Trace bri	ck.		
2	4	1.7	15-10-13-4	P2X110204	Fill: SAND (70%) b	rown to black,	coarse to f	ine, dry, l	oose;
					Gravel (20%) small	to medium, sub	angular; Oti	her fill ma	terial
					(10%) brick, cinder	rs, scoriaceous	coal slag,	crushed.	
4	6	0.8	2-10-10-6	P2X110406	Fill: SAND (70%) b	rown, coarse to	medium, mo	ist, loose;	Gravel
					(25%) small to med	ium, subangular	(phyllite?	); Other fi	
					material (5%) brick	K, Wood.			
6	8	0.3	8-15-7-8	P2X110608	Same as above, poor	r recovery.			
8	10	0.2	4-4-2-2	P2X110810	Fill: Poor Recovery	y-SAND (60%) bl	ack, coarse	, moist to	wet;
					Other fill material	l (40%) coal si	ag, brick,	glass, cind	ers.
10	12	0.2	6-5-3-3	P2X111012	Fill: SAND (50%) b	lack, coarse, w	et; Other f	ill materia	l (50%)
					wood, cinders, brid	ck, gravel, hyd	rocarbon od	or.	
12	14	0.2	2-4-10-22		No soil recovery. I	FILL (100%) woo	d, coal sla	g, cinders,	no
					sample submitted, h	nydrocarbon odo	r.		
14	16	1.6	17-12-6-9	P2X111416	Fill/Natural Inter	face: SAND (70%	) stained b	lack to oli	ve drab,
					coarse to fine, mo	ist to wet, str	ong hydroca	rbon odor;	Gravel
					(25%) small to med	ium, subrounded	; Wood (5%)	•	



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# SAMPLE/CORE LOG (Cont.d)

Boring/V	vell	<u> </u>			PageZ_OIZ
Prepared	d Ву	A. LaBar	ge		
Sample/Co (feet below to From	ore Depth and surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
16	18	0.3	4-8-9-7	P2X111618	Natural SAND (100%) stained black, medium to fine,
		- 5.5	7 0 / 1	124117010	saturated; Trace roots. Hydrocarbon odor.
	-				Bottom of fill = 15 feet.
				<del></del>	
					Depth to Water = 8 feet.
					· · · · · · · · · · · · · · · · · · ·
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Southprint 89 0910



Boring/V	X-12 Vell	2 	Project/No	AY05311	Page1
Site	GE, Ar	rea 2 Oxl	bow, Source I		Drilling 7-3-91 Drilling 7-3-91
Total De	epth Drille and Dian	10 ed neter 2	feet	Hole Diamete	6 1/4 Type of Sample/ split-spoon erinches Coring Device2  Sampling Interval
			feet		· ·
Drilling I	Fluid Use	ed	ne		Drilling Method Hollow-Stem Auger
Drilling Contract	Clear		ires, Inc.		Driller G. Rustemeyer Helper W. Pike
Prepare By	d A. La	aBarge			Hammer _{140#} Hammer ₃₀ Weight Dropinches
Sample/0	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
0	2	1.7	10-12-18-14	P2X120002	Fill: SAND (80%) brown, coarse to fine, dry, loose; Gravel (20%)
					small to medium, subangular; Trace brick.
2	4	1.6	16-12-9-7	P2X120204	Fill: SAND (75%) brown to black, coarse to fine, dry, loose;
					Gravel (20%) small to medium, subangular to subrounded; Other
					fill material (5%) scoriaceous coal slag, trace brick.
4	6	1.9	3-7-7-8	P2X120406	Fill: SAND (70%) brown to black, coarse to fine, dry, loose to
				-	slightly compact; Gravel (20%) small to medium, subangular;
					Other fill material (10%) brick.
6	8	1.9	7-8-22-14	P2X120608	Fill: SAND (70%) orange, brown, black, coarse to fine, loose and
					coarse at top, finer and moist at base; Gravel (20%) small to
		i			medium, subangular to subrounded; Coal Slag (10%) black, charred
8	10	2.0	7-6-6-7	P2X120810	Fill/Natural Interface at approximately 8.5 feet. FILL as above
					(20%) to 8.5 feet; Sand (80%) coarse to medium, moist, grey-
					brown to black with roots, reeds, appears stratified, well-
					sorted, slight chemical odor, slight hydrocarbon odor.
					Bottom of fill = 8.5 feet.
			}	<del>                                     </del>	
	<del> </del>	<del>                                     </del>			



Boring/We	-X 	- 13	Project/No	AY05311		Page1 of1
Site Location	GE,	Area 2	Oxbow, Source	e ID	Drilling Started	7-3-91 Drilling 7-3-91 Completed
Total Dept	th Drille	d	12 feet	Hole Diameter_	6 1/4 inches	Type of Sample/ split-spoon Coring Device
Lenoin ar	ia vian	1eter	21 x 20			Sampling Intervalfee
				•	☐ Estimated	•
Drilling Flo	uid Use	ed	None			Drilling Method Hollow-Stem Auger
Drilling Contracto	C	ean Ber	kshires, Inc.	·	Dr	iller G. Rustemeyer Helper W. Pike
Prepared By	۸.	LaBarg	e			Hammer 140# Hammer 30 — Weightinche:
Sample/Cor (leet below lar From	re Depth nd surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sa	mple/Core Description
0	2	2.0	6-12-7-6	P2X130002	Fill: SAND (60%)	brown, coarse to fine, dry, loose; Coal (30%)
					black and orange,	crushed to whole; Gravel (10%) small to
		L			medium, subangula	r.
2	4	1.1	5-3-4-4		Fill: SCORIACEOUS	COAL SLAG and CINDERS (100%) black, orange,
					whole to crushed;	No soil recovery, no sample taken.
4	6	1.0	3-2-2-1	P2X130406	Fill: COAL and CI	NDERS (95%) as above; Sand (5%) brown, coarse
					moist.	
6	8	1.1	3-5-2-2		Fill: COAL and CI	NDERS (100%) as above; No soil recovery, no
	i				sample taken.	
8,	10	1.0	3-2-3-4	P2X130810	Fill/Natural Inte	rface: COAL and CINDERS (50%) as above; Top
					0.5 feet; Natural	Sand (50%) orange-brown, coarse, moist, Bott
	į	1			0.5 feet, trace o	rganics.
10	12	2.0	2-2-2-2	P2X131012	Natural SAND (100	%) orange-brown, coarse to medium, well-sorte
					moist, organics a	nd roots.
					Bottom of fill =	9 feet.



Boring/M	<b>x-</b> Vell	14	Project/No	AY05311			_Page	1 of	2
Site Location	GE.	Area 2 (	Oxbow, Source	1D	Drilling 7-3- Started	.91 D	rilling completed	7-5-91	
	pth Drille	21 d	0 feet	Hole Diameter_	6 1/4 Ty	/pe of Sample/ oring Device _	Split	-spoon	
Length a of Coring	and Diam g Device	neter	2' x 2"			_ Sampling Inte	erval		feet
Land-Su	rface Ele		feet	☐ Surveyed	□ Estimated	Datum			
Drilling F	Fluid Use	ed	None			_ Drilling Metho	odbdl.	ow-Stem Au	ıger
Drilling Contract	Cle	en Berk	shires, Inc.		Driller	G. Rusteme	yer Helper	W. Pike	•
Prepared By	A.	LaBarge				Hammer 140	•		
Sample/C (feet below I	ore Depth and surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/	/Core Description			
0	2	1.8	8-16-18-30	P2X140002	Fill: SAND (75%) oliv	e to black, coa	arse to fi	ne, dry, l	oose;
					Gravel (25%) small to	o medium, subang	gular.	·····	
2	4	0.8	30-14-6-5	P2X140204	Fill: SAND (90%) oran	nge and brown, o	coarse to	medium, dr	y, loose
					Gravel (10%) small, s	subrounded.			
4	6	1.7	3-2-2-3	P2X140406	Fill: SAND (40%) oran	nge to brown, co	parse to m	edium, moi	st, Top
					1 foot; Tar-like fill	adhered to woo	od, black,	strong od	or with
					blue particles, botto	om 0.7 feet.			
6	8	1.0	5-8-10-13	P2X140608	Fill: Tar-like substa	ince (50%) adhei	red to wood	d, Top 0.5	feet;
					strong chemical odor;	\$and (50%) max	uve to oli	ve-brown,	coarse t
					medium, well-sorted,	moist.			
8	10	1.6	9-13-14-15	P2X140810	SAND (100%) coarse to	medium, olive	-brown to I	orown, wel	l-sorted
					moist.				
10	12	1.2	5-5-2-6	P2X141012	Fill: SAND (80%) oran	nge to alive-gre	en, coarse	to fine,	moist,
					loose to slightly com	pact; Coal slag	and Cind	ers (10%)	black an
					orange, crushed; Grav	/el (10%) small,	, subangula	Br.	
12	14	0.3	11-10-5-4	P2X141214	Fill: SAND (50%) as a	bove; Coal slag	; (50%) as	above.	
14	16	2.0	5-6-6-26	P2X141416	Fill: SAND (50%) oran	ge, brown, coar	rse, moist,	, loose; R	ock (50%
					crushed, white sandst	one and gravel	size, suba	angular to	
					subrounded.				



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# SAMPLE/CORE LOG (Cont.d)

Boring/M	/ell	x-14			Page 2 of 2
Prepared	1 By	A. LaBarg	re		
Sample/Co (feet below to From	•		Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
16	18	1,9	7-24-55-40		
		, <u>,,,</u>	7-24-55-40	PEX 14 10 10	Fill: SAND (50%) orange-brown, coarse, moist; loose; Rock fragments (50%) sandstone and gravel as above.
18	20	2.0	29-26-28-21	P2X141820	Fill/Natural Interface: Top 2 inches FILL (10%) as above;
 					remainder is natural Sand (60%) brown to grey, coarse to
		· · · · · · · · · · · · · · · · · · ·			medium, oily sheen on sediments: Gravel (30%) samll to
					large, rounded to angular, appears as river gravel.
					Bottom of fill = 18.5 feet.
			-		
	-	-			

Southprint 89 091;



Boring/V	Vellx	- 15 	Project/No	AY05311			Page	1	_ of	2
Site Location	GE,	Area 2	Oxbow, Source	10	Drilling 7-5-9 Started	91 [ (	Orilling Complet	7-5 ted	i-91	
Total De	pth Drille	ed	18 feet H	lole Diameter_	6 1/4 Typ	pe of Sample ring Device	e/ s	Split-spoo	an.	
				<del></del>		Sampling In	tervai _	<u>2</u>		feet
Land-Su	rface Ele	V	feet	☐ Surveyed	☐ Estimated	Datum				
Drilling F	Fluid Use	ed	None		<del>.</del>	Drilling Meth	od	Hollow-St	em Aug	jer
Drilling Contract	or	ean Berl			Driller			elperw.	Pike	
		LaBarge				Hammer 14 Weight		· ·		inches
Sample/C (leet below l	core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/C	ore Description				
0	2	1.0	9-17-9-7	P2X150002	Fill: SAND (60%) light	t brown, medi	ium to f	ine, dry,	loose	; Wood
					(30%) dank brown, deca	aying; Gravel	(10%)	small to	medium	١,
-					subrounded.					
2	4	0.9	40-60/R	P2X150204	Fill: SAND (70%) light	t brown to or	ange, c	oarse to	fine,	dry,
					loose; Gravel (25%) sm	mall to mediu	um, subr	ounded, 0	ther f	ill
					(5%) coal slag, trace	brick; Sligh	nt chemi	cal odor.	Spoon	
					refusal at 3 feet. Au	uger to 4 fee	et.			
4	6	1.0	36-58-17-1	P2X150406	Fill: ROCK fragments (	(90%) large,	broken,	angular;	Sand	(10%)
					dark brown, medium to	fine, dry, 1	oose; S	light che	mical	odor.
6	8	1.7	13-13-14-12	P2x150608	Fill: SAND (70%) light	t brown to or	ange-br	own, medi	um to	fine,
					dry, loose; Gravel (30	0%) small to	medium,	subround	ed.	
8	10	1.6	14-12-22-23	3 P2X150810	Same as above.					
10	12	1.0	22-26-17-16	5 P2x151012	fill: SAND (50%) brown	n, moist, coa	rse to	fine; Gra	vel (5	0%)
					small to large, subang	gular to subr	ounded.			ĺ
12	14	1.8	7-10-9-7	P2X151214	Fill: SAND (60%) brown	n to orange-b	OCONT, M	oist, com	pact;	Gravel
					(35%) small to medium,	, subrounded;	Other	fill mate	rial (	5%)
					coal slag, trace brick	c, trace glas	s.			
14	16	0.3	10-5-7-8	P2X151416	Fill: Poor recovery; S	SAND (90%) br	own, me	dium to f	ine, d	ry,
					loose; Gravel (10%) sm	mall to mediu	m, subr	ounded.		



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# SAMPLE/CORE LOG (Cont.d)

Boring/We				rage 2 or 2
Sample/Core Depth (feet below land surface) Core From To (fe			Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID Sample/Core Description
16	18	1,	7 4-4-6-9	P2X151618 Fill/Natural Interface: SAND as above; Top 2 inches (20%);
				Remainder is Sand (80%) olive-brown to stained black.
				medium to fine, moist to wet, dense; Strong hydrocarbon
				odor; Roots, organics.
		· <del></del>		Bottom of fill = 17 feet.
		<u>-</u>		
		<del></del>		
<del> </del> -	<del></del>			

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Boring/\	x-1 Vell	6 F	Project/No.	AY05311			Page	1 of	1
Site Location	GE, A	rea 2 Ox	bow, Source	ID	Drilling 7-8-91 Started	Dril	lling mpleted _	7-8-91	
Total De	epth Drille	d	feet !	Hole Diamete	rinches Co	oe of Sample/ oring Device	Split-s	poon	
	and Dian ng Device					Sampling Inter	val		fee
Land-Su	urface Ele			□ Surveye	d	Datum			
_	Fluid Use	ed	ene			Drilling Method	HOLLOW	-Stem Aug	er
Drilling Contract	tor	n Berksh	ires, Inc.		Driller_	G. Rustemeyer	Helper_	W. Pike	
Prepare By	d A. L	aBarge				Hammer 140# Weight	Hamı Drop	mer ₃₀	inches
	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/(	Core Description			
0	2	2.0	9-17-15-29	P2X160002	Fill: SAND (90%) light	brown, medium t	o fine, d	ry, loose	;
					Gravel (10%) small to l	arge, subangula	r to subr	ounded, p	oorly
	1				sorted; Trace coal slag	J.			
2	4	0.2	18-11-27-17	P2X160204	Fill: Poor recovery, s	ame as above wi	th smalle	r gravel.	
4	6	2.0	2-4-5-7	P2X160406	Fill: Sand (85%) brown	to olive green	, coarse	to fine,	dry to
					moist; Gravel (15%) sma	ll to medium, s	ubrounded		
6	8	1.8	16-9-8-4	P2X160608	Fill: SAND (85%) brown	, coarse to fin	e, dry, l	oose; Gra	vel
					(10%) small, subrounded	; Rock fragment	s (5%) la	rge, angu	lar;
					Trace coal siag.				
8	10	0.8	5-4-17-5	P2X160810	Fill: SAND (80%) brown,	coarse to fine	dry to	moist; Gr	avel
					(20%) small to medium,	subrounded; Tra	ce brick;	hydrocari	bon odor
10	12	1.9	6-6-3-6	P2X161012	SAND (90%) coarse, brow	n at top to red	at base,	coarse t	o fine,
					dry at top, moist at b	ase; Gravel (10	X) small	to	
					medium, subrounded.				
12	14	2.0	7-9-10-10	P2X161214	Fill/Natural Interface:	Top 2 inches	is fill a	s above,	SAND
			1		(10%) brown, coarse, dr	y; Bottom 1.8 f	oot is SA	ND (80%)	orange-
					brown, well-sorted, moi	st, loose; Grav	el (10%) :	small to 1	medium,
					rounded, grading to lar	ge gravel at ba	se - appe	ers as ri	ver
					sediments; Roots at 12	feet.	·		
			1		Bottom of fill = 11 fee	et.			



Boring/V	Vel!	K-17	Project/No	AY05311			Page	1 of 1
Site Location	GE		2 Oxbow, Sour		Drilling Started	7-8-91	_	
				Hole Diameter	6 1/4 inches	Type of Samp Coring Devic	ple/ spl	it-spoon
Length a of Coring	and Diam g Device	neter	2' x 2"			Sampling	Interval	2 fee
Land-Su	ırface Ele	V	feet	•	□ Estimated			
	Fluid Use	ed	None			Drilling Me	ethod Hot	llow-Stem Auger
Drilling Contract	tor	lean Be	erkshires, Inc		Dr	ller G. Rus	temeyerHelpe	W. Pike
_		. LaBar	·ge			Hammer Weight	140# Har Dro	mmer p 30 inches
	Core Depth land surface)	Core Recover (feet)	Time/Hydraulic Pressure or y Blows per 6 Inches	SAMPLEID	Sar	mple/Core Description	n	
0	2	1.8	4-4-4-6	P2X170002	Fill: SAND (85%) L	ight-brown to	alive-brown,	coarse to fine,
					loose to compact;	Gravel (15%) s	mali to mediu	am, subrounded.
2	4	0.3	11-11-7-6	P2X170204	Fill: Poor recover	y, SAND (90%)	brown, coarse	to fine, dry,
					loose; Gravel (10%	) small, subro	unded.	
4	6	1.8	3-4-5-5	P2X170406	Fill: SAND (80%) o	live-brown, fi	ne, compact,	moist; Si(t (15%)
					olive-brown, very	fine, moist; G	ravel (5%) sm	mall, subrounded to
			<del> </del>	<u> </u>	rounded; small len	ses of coarse	sand; Trace r	roots.
6	8	2.0	6-4-8-8	P2X170608	Same as above.			
8	10	2.0	5-7-6-7	P2X170810	Fill/Natural Inter	face at 9 feet	: Top one foo	ot is olive-brown
				<del> </del>	sand as above, ver	y fine, compac	t, with fine	Silt (50%);
					Roots at 9 feet, a	brupt change to	o natural coa	erse red Sand (50%)
				<u> </u>	well-sorted, trace	small gravel.		
			-		Bottom of fill = 9	feet.		
					•			
						·····		



Boring∧	x-18 Well	3	Project/No	AY05311	Pageof
Site Location	GE, A	rea 2 Ox	bow, Source 1	D	Drilling 7-8-91 Drilling 7-8-91 Started Completed
	epth Drille and Diar			Hole Diamete	6 1/4 Type of Sample/ split-spoon erinches Coring Device
				·	Sampling Intervalfee
Land-Su	urface Ele		feet	☐ Surveye	
	Fluid Use	ed	ne	<del></del>	Drilling Method Hollow-Stem Auger
Drilling Contrac	tor	n Berksh	ires, Inc.		Driller G. Rustemeyer Helper W. Pike
Prepare By		Barge			Hammer _{140#} Hammer ₃₀ Weight Dropinches
Sample/0	Core Depth land surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 Inches	SAMPLE ID	Sample/Core Description
o	2	0.8	4-15-10-17	P2X180002	Fill: SAND (60%) dark-brown to olive-brown, some stained black,
			-		coarse to fine, dry; Gravel (25%) small to medium, subrounded;
					Rock fragments (15%) large, broken, white sandstone; Trace wood,
					crushed coal.
2	4	1.1	14-10-9-15	P2X180204	Fill: SAND (80%) brown, coarse to medium, dry, loose; Gravel
					(20%) small to medium, subangular to subrounded; Trace wood.
4	6	1.2	3-7-12-10	P2X180406	Fill: SAND (80%) olive-brown to dark-brown, coarse to fine, dry
					to slightly moist; Gravel (20%) small to medium, subrounded,
					Trace roots.
6	8	1.1	7-8-6-7	P2X180608	Fill: SAND (80%) brown to orange-brown at base, coarse to fine,
					dry; Gravel (20%) small to medium, subrounded.
8	10	1.9	5-4-4-4	P2X180810	Fill: SAND (85%) brown to stained black, coarse to fine, moist;
					Gravel (15%) small to medium, subrounded; Trace coal slag.
10	12	0.1	3-2-4-4		Fill: No recovery, no sample taken.
12	14	0.9	5-7-9-8	P2X181214	SAND (95%) brown, fine, moist; Gravel (5%) small, rounded;
					Trace wood.
14	16	1.3	7-7-9-10	P2X181416	SAND (95%) brown to stained black, coarse, moist, slight hydro-
					carbon odor; Gravel (5%) small, rounded.
					Bottom of fill = approximately 14 feet.
	{	1	1		



Boring/V	Vell	P	roject/No					Pa	ge	of_	
Site Location	GE,	Area 2 O	хbон, Source	ID	Drilling Started_			Comp	pieted _		
Total De	pth Drille		feet H	lole Diameter_	6 1/4 inche	s Co	pe of San oring Devi	nple/ ce	Split-	spoon	
Length a of Corin	and Dian g Device	neter	2' x 2"			<del></del>	_ Sampling	g Interval	2		feet
Land-Su	rface Ele	V	feet	□ Surveyed	□ Estimate	ed	Datum				
Drilling F	Fluid Use	edN	one				_Drilling N	/lethod	Hollo	w-Stem A	uger
Drilling Contract	or	ean Berks	hires, Inc.			Driller_	G. Rus	stemeyer	Helper_	W. Pik	e
Prepared	d A.	LaBarge					Hammer				
Sample/C	core Depth land surface) To		Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID			Core Descripti	on			
0	2	1.2	12-13-18-25	P2X190002	Fill: SAND (75	%) brow	n to stair	ned black	, coars	e to fin	e, dry;
					Gravel (20%) si	mall to	medium, s	subangula	r; Coal	Slag (5	%) large
				<del></del>	and small piece	es; Tra	ce brick.				
2	4	1.0	6-7-9-4	P2X190204	Fill: Tar adhe	red to	soil and l	lood (60%	) black	, looks	like tar/
					asphalt, Wood	(20%) b	lack, deca	sying; Gr	avel (2	0%) smal	l to
					medium, stained	d black	•		· · · · · · · · · · · · · · · · · · ·		
4	6	0.9	7-11-4-4	P2X190406	Fill: SAND (75)	%) brow	n to stair	ned black	, coars	e to med	ium,
					dry to moist;	Gravel	(25%) coa:	rse to me	dium, s	ubrounde	d;
					Tar-like subst	ance ad	hered to s	soil and	wood.		
6	8	0.2	1-2-2-1	P2X190608	Poor Recovery:	Fill:	Tar adher	d to soi	l and w	ood, soi	l is
					indiscernible,	staine	d black, h	ydrocarb	on/tar	odor; Tr	ace brick;
					Possibly spoon	ing thr	ough concr	rete tar	separat	or tank.	}
8	10	2.0	9-4-60/R	P2X190810	Fill: After 8	olows,	spoon drop	oped one	foot, p	ossibly	went
					through clay p	ipe wit	hin tar se	eparator	(saved	pieces).	SAND
					(90%) stained l	black,	coarse to	fine, sa	turated	with ta	r and/or
					oil (indiscern	ible);	Wood, Pipe	e, Gravel	(10%).		
				•	Spoon refusal a	at 9.5	feet.				
					Concrete botto	n of ta	r separato	or, end o	f borin	g at 11	feet.
	<del> </del>					·		- <del></del>	<del></del>	<del></del>	
i	l	I	1								1



Boring/M	/elix	-20 F	Proiect/No	AY05311	·		Page	e1	of	1
Site	GE,	Ares 2	Oxbow, Source	e ID	Drilling Started	7-9-91	Drilling Comple	7- ted	9-91	
		1	14 feet H	lole Diameter_	6 1/4 inches	Type of Samp Coring Device	ple/ :e	Split-spo	on 	
			2' x 2"			Sampling	Interval _	2		feet
Land-Sur	face Ele			☐ Surveyed	☐ Estimated	Datum				
Drilling F	luid Use	d	None			Drilling M	ethod	Hollow-S	tem Aug	ger 
Drilling Contracto	or	ean Berl	cshires, Inc.		Dr	rillerG. Rus	temeyer He	elperu	. Pike	
Prepared By		LaBarge	<b>:</b>			Hammer Weight	140#	Hammer Drop	30	inches
Sample/Co (feet below in From		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 8 inches	SAMPLE ID	Sa	imple/Core Description	n			
0	2	1.8	4-3-4-5	P2X200002	Fill: SAND (50%)	light brown, f	ine to me	dium, dry	, loose	<b>:</b> ;
					Gravel (50%) larg	ge white rock f	ragments,	broken;	Trace o	eramíc
					material.					
2	4	0.9	4-5-6-4	P2X200204	Concrete pad at	27" below grade	. Concret	e pad is	approxi	imately
					10 inches thick.	Below pad: SA	ND (100%)	black to	grey,	coarse
					dry, loose; Trac	e brick (?).				
4	6	1.1	5-5-5-5	P2X200406	Fill: SAND (100	%) black, grey,	brown, c	oarse, dr	y, loos	se.
6	8	1.8	6-5-6-6	P2X200608	Fill: Same as a	bove (100%).				
8	10	1.7	8-7-7-11	P2X200810	Fill: Same as a	bove (100%). S	and is sl	ightly fi	ner and	imoist
					toward base, with	h more orange c	olor.			
10	12	1.8	12-10-17-1	0 P2X201012	Fill: SAND (80%	) olive-brown,	fine to m	edium-gra	in, mau	we,
					moist to wet; Gr	svel (20%) smal	l, subrou	nded. So	me inte	er-
		-			layering of coar	se sand in fine	sand, no	organics	appare	ent.
12	14	1.9	6-16-13-15	P2X201214	Fill/Natural Int	erface at appro	ximately	13 feet:	Natura	l SAND
					(50%) coarse, dr	y, mixed with G	iravel (40)	%) small	to medi	um,
					rounded, appears	as river grave	l. Roots	and orga	nics at	
					approximately 13	feet. Above n	atural in	terface is	s fill,	Sand,
	-				brown, medium to	coarse, dry, l	oose.			
					Bottom of fill =	approximately	13 feet.			
	i									



Boring/V	γ- Vell	·1	Project/No.	AY05311 - So	urce ID				F	age	1	~	1
Site	GE -	Scrap Y	'ard			Drilling Started	6-6-	91	Drilli Con	ing npleted	6-6	-91	
		ed	) feet		12	inches	Ty Co	pe of Sa oring De	ample/ vice	\$plit	Spoo	n 	<del></del>
Length a of Corin	and Dian g Device	neter	2' x 2"					Sampli	ng Interv	/al2			feet
Land-Su	ırface Ele		feet	•									
	Fluid Use	ed	lone					Drilling	Method.	6 1/	4" Но	llow-S	tem Aug
Drilling Contract	torcle	an Berks	shires, Inc.			D	riller.	G. R	ustemeye	_ Helper	G.	Pembl	e
Prepared By	d s.	Beames						Hamme Weight	140#	Ham Drop	mer	30	_inches
Sample/0 (feet below From	ore Depth land surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 Inches	SAMPLE ID		S4	umple/	Core Descrip	otion				
0	2	0.6	16-9-10-9	P2Y010002	Fill -	SAND (80%)	bro	wn, coar	se to fi	ne; Grav	el (2	0%) co	arse
					to fin	e, subround	l-fra	gmented;	trace o	rganics	(root	s, woo	ą)
					organi	c odor, pac	rly	sorted,	damp.				
2	4	0.8	3-3-4-10	P2Y010204	Fill -	SAND (90%)	bro	wn, coar	se to fi	ne, litt	le mi	caceou	s;
					Gravel	(10%) coar	se t	o fine,	subround	; trace	glass	, poor	ly
	į				sorted	, organic o	dor,	damp.					
4	6	1.0	5-2-2-1	P2Y010406	Fill -	Same as ab	ωve.						
6	8	1.5	2-5-4-8	P2Y010608	Fill -	SAND (40%)	bro	wn-black	, coarse	to fine	, míc	aceous	;
					Cinder	s (40%) bro	wn-b	lack with	h mica-l	ike flak	es (P	lastic	?);
					Gravel	(20%) coar	se t	o medium	, subrout	nd; poor	ly so	rted,	trace
					cerami	c fragments	, or	ganic od	or, trace	e black	outty-	-like	soft
					materi	al pebble s	ize,	damp-mo	ist.				
8	10	0.6	28-14-7-6	P2Y010810	Fill/N	atural Inte	rfac	e - Uppe	r 1.0' sa	ame as a	oove.	Lower	1.0'-
					SAND (	100%) brown	-gra	y, coars	e to med	ium, wel	sor	ted, t	race
					fine G	ravel, damp							
	10				End of	Boring							
					·								



Boring/M	Y. Vell	-2	Project/No	AY05311	Page1
Site	GE ·	- Scrap	Yard		Drilling 6-7-91 Drilling 6-7-91
Totai De	pth Drille	ıd1	o feet l		12 Type of Sample/ split spooninches Coring Device
Length a of Coring	and Diam g Device	neter 	2' x 2"		Sampling Intervalfeet
Land-Su	rface Ele	.V	feet		☐ Estimated Datum
Drilling F	Fluid Use	ed	None		Drilling Method 6 1/4" Hollow-Stem Auge
Drilling Contract	or	ean Berk	shires, Inc.		Driller G. Rustemeyer Helper G. Pemble
Prepared By	j t	Beames			Hammer 140# Hammer 30 inches
Sample/C (feet below I From	ore Depth and surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
0	2	1.0	3-3-15-16	P2Y020002	Fill - SAND (50%) brown, coarse to fine; Gravel (40%) coarse to
					fine, subround-subangular; Organics (10%) top soil material;
					poorly sorted, damp.
2	4	0.4	14-8-9-7	P2Y020204	Fill - SAND (70%) brown-black, coarse to fine; trace sorted;
					Gravel (30%) coarse to fine, subround-subangular; trace roots,
					cinders (black), poorly sorted, dry-damp.
4	6	0.3	4-5-5-5	P2Y020406	Fill - SAND (50%) brown-black, coarse to fine; Gravel (25%)
					coarse to fine, subround-subangular; assorted fill (25%)
					cinders, metal, wood, leathery fiber material; trace Roots,
					poorly sorted, moist.
6	8	1.0	15-12-9-8	P2Y020608	Fill - Same as above.
8	10	0.6	7-5-4-15	P2Y020810	Fill/Natural Interface - Upper 0.5' Same as Above. Lower 1.5'-
					SAND (100%) brown, coarse to medium, trace fine, very well
		i			sorted, loose, dry-damp.
	10				End of Boring



Boring/M	/ellY-	3 p	Project/No	AY05311 - Sou	irce ID	Pageof
Sito					Drilling	<del>-</del>
Total Dep	oth Drille	d1	0feet	Hole Diameter_		Type of Sample/ split Spoon Coring Device
Length a of Coring	ind Diam Device	neter	2' x 2"			Sampling Intervalfee
Land-Sur	face Ele	V	feet	☐ Surveyed	☐ Estimated	Datum6 1/4" Hollow-Stem Au
Drilling F	luid Use	ed	None			Drilling Method
Drilling Contracto	or <u>cl</u>	ean Berk	shires, Inc.		D	rillerHelper
Prepared By	ss.	Beames				Hammer 140# Hammer 30 Weight Drop inches
Sample/Co (feet below to From	ore Depth and surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	sa	ample/Core Description
o	2	0.5	1-4-6-4	P2Y030002	Fill - SAND (60%	() brown, coarse to fine; Gravel (30%) coarse
					to fine, subrour	nd; Silt (10%) black, organic; trace organics
					(roots, leaves)	poorly sorted, damp-moist.
2	4	1.0	6-12-10-1	13 P2Y030204	Fill - SAND (80)	%) gray-brown, coarse to fine; Gravel (10%)
					medium to fine,	subround; Silt (10%) gray; poorly sorted,
					damp-moist.	
4	6	1.8	4-3-2-2	P2Y030406	Fill - SAND (10	0%) light brown, medium to fine, little coarse
					well sorted, li	ttle micaceous, trace fine gravel, moist.
6	8	0.8	3-3-8-5	P2Y030608	Fill - SAND (70	%) brown-black, coarse to fine; Gravel (20%)
					coarse to fine,	subround to subangular; Silt (10%) brown-blac
					trace fiber mat	erial, cinders, poorly sorted, moist.
8	10	1.0	2-6-4-4	P2Y030810	Fill - SAND (60	0%) as above; Gravel (20%) as above; Silt (10%)
					as above; Other	Fill (10%) brick, cinders; trace organics
					(roots), poorly	y sorted, moist.
10	12	17	5-7-4-4	P2Y031012	Fill - SAND (95	5%) light-brown, fine to medium, well-sorted,
					moist; Gravel	(5%) at base of spoon.
12	14	0.3	5-4-4-3	P2Y031214	Fill - SAND as	above with Gravel (5%); small metal scraps.
14	16	0.2	4-8-3-5	P2Y031416	Sand (100%) bro	own with organic material, leaves, roots.
					Bottom of fill	= 15 feet



BoringA	Well Y-	4	Project/No	AY05311	Page 1 1 1
-	GE -				Drilling 6-5-91 Drilling 6-5-91 Started Completed
Length	and Dian	neter	21 x 20	Hole Diamete	Type of Sample/ split spoon erinches Coring Device  Sampling Interval feet
	ng Device				
				-	ed
D 30	Fluid Use	:u	lone		Drilling Method 6 1/4* Hollow-Stem Auge
Contrac	torcle	an Berks	shires, Inc.		Driller G. Rustemeyer Helper G. Pemble
Prepare By	s.	Beames			Hammer Hammer Weight 140# Drop 30 inches
Sample/i (feet below From	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLEID	Sample/Core Description
0	2	1.2	10-11-6-4	P2Y040002	Fill - SAND (80%) brown, coarse to fine; Gravel (15%) coarse
					to fine, subround; Brick (5%); poorly sorted, asphalt upper
					2", damp.
2	4	1.0	4-9-7-7	P2Y040204	Fill - SAND (50%) brown, coarse to fine; Gravel (25%) coarse
					to fine, subangular to subround; Cinders (25%) crushed and
					fragmented; trace brick, poorly sorted, damp.
4	6	1.8	6-4-4-3	P2Y040406	Fill - SAND (50%) black, fine to medium, trace coarse, stained;
<u> </u>					Wood (40%) stained black (railroad ties?); Gravel (10%) coarse
					to medium; poorly sorted, petroleum odor, trace cinders,
					glass, ceramic, damp-moist.
6	8	2.0	3-2-3-4	P2Y040608	Fill Upper 4" - Same as above. Lower - SAND (100%) brown-green
i 					medium to fine, trace coarse, well sorted, occasional minute
					orange stains (oxidation), micaceous, slight odor, damp.
8	10	2.0	3-3-3-3	P2Y040810	Fill/Natural Interface - SAND (95%) brown-green (as above)
					medium to fine, well sorted, micaceous, occasional orange
					stains; damp-moist.
	10		ļ		End of Boring



Boring/	Well	f	Project/No	AY05311			_Page1of1
Site Location	GE - 1	Area 2 S	crap Yard		Drilling 6-	6-91 D C	rilling 6-6-91 ompleted
Total De	epth Drille	10 d	feet	Hole Diameter	12 inches	Type of Sample/ Coring Device _	Split Spoon
Length of Corir	and Dian ng Device	neter 2	' x 2"			Sampling Inte	ervalfee
Land-Su	urface Ele	V	feet	☐ Surveye	d 🗆 Estimated	Datum	
Drilling	Fluid Use	ed	ne			Drilling Metho	od6 1/4" Hollow-Stem Auge
Drilling Contract	tor	n Berksh	ires, Inc.		Dri	G. Rustemeye	Helper G. Pemble
Prepare	ed s. B	eames				Hammer _{140#} Weight	Hammer ₃₀ inches
Sample/	Core Depth land surface) To		Time/Hydrautic Pressure or Blows per 6 inches	SAMPLE ID	Şar	nple/Cora Description	
0	2	2.0	5-4-4-3	P2Y050002	Fill - SAND (60%) b	rown, coarse to fi	ne; Gravel (30%) coarse to
					fine, subround; Org	anics (10%) roots,	leaves, wood; poorly
	1				sorted, damp. (10"	thick concrete cov	ver)
2	4	2.0	3-4-5-11	P2Y050204	Fill - SAND (70%) b	rown-light brown,	coarse to medium, trace
					fine; Gravel (30%)	coarse to fine, su	bround; poorly sorted,
					trace brick, roots,	damp.	
4	6	2.0	11-6-6-8	P2Y050406	Fill - SAND (70%) 1	ight brown, coarse	e, trace medium;
					Gravel (30%) fine,	little medium to d	coarse, subround; poorly
					sorted with 2" well	sorted sand, trac	te roots. (1.0' material
					soft, green, black	and white speckled	i, wax-like)
6	8	1.8	10-9-5-14	P2Y050608	Fill - SAND (40%) b	rown, coarse to me	dium, trace fine;
					Gravel (30%) coarse	to medium, subrou	nd; Cinders (20%) brown-
					black; Wood (10%) ra	ailroad ties ?, fi	berous material; poorly
					sorted, moist.		
8	10	2.0	15-3-6-8	P2Y050810	Fill - Same as above	e.	
10	12	1.8	7-8-9-9	P2Y051012	SAND (50%) stained	black, fine, wet;	Wood (20%); Cinders (20%),
					Gravel (10%) river	sediments at base	of spoon.
12	14	1.9	8-9-7-9	P2Y051214	SAND (90%) black, co	parse to fine with	gravelly river sediments
					(10%) small, rounde	d; oily sheen on s	sediments.
					Battom of Fill = 11	.5 feet	



BoringA	γ- Mell	6	Project/No. ,	AY05311	Page 1 of 1
Site Location	GF ~		Yard A2		Drilling 6-11-91 Drilling 6-11-91 Started Completed
Length :	and Dian	ed neter	0feet		
	_		feet		Sampling Interval 2 feet  □ Estimated Datum
	Fluid Use		None	-	Drilling Method6 1/4" Hollow-Stem Auge
Drilling Contract	Cla		shires, Inc.		DrillerG. Rustemeyer HelperB. Pike
Prepare By		Beames			Hammer Hammer 30 inches
Sample/0 (feet below From	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
0	2	1.3	4-8-6-8	P2Y060002	Fill - SAND (45%) brown, coarse to fine; Gravel (45%) coarse
					to fine, subround; assorted Fill (10%) glass, metal, wood;
 					poorly sorted, damp (pavement with little concrete upper 4").
2	4	0.4	16-60/0.2	P2Y060204	Fill - Same as above, mica-like substance (moist).
4	6	1.2	5-5-5-4	P2Y060406	Fill/Natural Interface- Upper 1.0' - Same as above. Lower 1.0'
					SAND (100%) brown-gray, coarse to medium, trace fine, loose,
					well sorted, trace fine gravel, damp.
6	8	2.0	2-3-3-6	P2Y060608	Same as lower 1.0' above (moist).
8	10	2.0	4-3-3-4	P2Y060810	Same as above (wet),
	10		<u> </u>		End of Boring
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Boring/\	γ-¹ Vell	7 F	Project/No	AY05311	Page 1 1 1
Site	GE -	Scrap Y	ard		Drilling 6-6-91 Drilling 6-6-91
Total De		10 ed	feet		12 Type of Sample/ split spoon Coring Device
of Corin	g Device	)	Z, X Z,		Sampling Intervalfeet
			feet	□ Surveyed	☐ Estimated Datum
	Fluid Use	ed	one		Drilling Method 6 1/4" Hollow-Stem Auge
Drilling Contrac	tor <u>Cle</u>	an Berks	hires, Inc.		Driller G. Rustemeyer Helper G. Pemble
Prepare By		Beames			Hammer 140# Hammer 30 inches
Sample/0 (feet below From	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Biows per 8 inches	SAMPLE ID	Sample/Core Description
0	2	1.2	7-8-7-9	P2Y070002	Fill - SAND (60%) brown, coarse to fine; Gravel (25%) coarse to
					medium, subround; Asphalt (15%) upper 3"; poorly sorted, damp.
2	4	1.8	7-7-5-5	P2Y070204	Fill - SAND (50%) brown, coarse to fine; Gravel (50%) coarse to
					fine, subround; poorly sorted, damp.
4	6	1.8	5-4-5-5	P2Y070406	Fill - SAND (40%) brown-black, coarse to fine; Gravel (30%)
					coarse to fine, subround; Cinders (30%) brown-black; wood,
					glass, poorly sorted, slight odor, moist.
6	8	1.6	3-6-6-6	P2Y070608	Fill - SAND (50%) as above; Gravel (40%) as above; Cinders (10%)
					as above; trace micaceous sand, black sand (ground cinders?).
8	10	2.0	3-6-8-8	P2Y070810	Fill/Natural Interface - Upper 1.0' Same as Above. Lower 1.0 -
<u> </u>					SAND (100%) brown, coarse to medium, little micaceous, well
					sorted, damp.
	10	- "			End of Boring
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Boring/V	vell	8 F	Project/No	AY05311	Page1
Site Location	GE -	Screp Y	•		Drilling 6-12-91 Drilling 6-12-91 Started Completed
Length a	pth Drille and Dian g Device	neter	feet	Hole Diamete	Type of Sample/ split spoon orinches Coring Device  Sampling Interval feet
	_		feet	☐ Surveye	· · ·
Drilling F	Fluid Use	ed	ione		Drilling Method 6 1/4" Hollow-Stem Auge
Drilling Contract	or Cle	an Berks	hires, Inc.		DrillerG. Rustemeyer Heiper_B. Pike
Prepared By	d _	Beames			Hammer Hammer 30 Inches
Sample/C	ore Depth land surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLEID	Sample/Core Description
0	2	1.2	2-4-5-5	P2Y080002	Fill - SAND (60%) brown, coarse to fine; Gravel (30%) coarse
					to fine, subangular to subround, ballast; assorted Fill (10%)
					cinders, glass; poorly sorted, 2" brown silt, damp. (between
(					rmils - railroad track)
2	4	2.0	14-11-10-11	P2Y080204	Fill - SAND (50%) black stained-brown, coarse to fine;
					Gravel (30%) coarse to fine, subround; assorted Fill (20%)
					cinders, coal, glass, ceramic; poorly sorted, moist.
4	6	0.9	19-17-8-7	P2Y080406	Fill/Natural Interface Upper 0.51 - Same as above. Lower 1.51-
					SAND (100%) light brown, coarse to medium, well sorted, loose,
					moist.
6	8	1.6	5-4-5-4	P2Y080608	Natural - SAND (100%) light brown, coarse to medium, slightly
					micaceous, loose, well sorted, moist-wet.
8	10	2.0	8-5-6-6	P2Y080810	Same as above, moist-wet.
	10				End of Boring
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Boring/\	Well	F	Project/No	AY05311			_Page	1	of1
					Drilling 6-7-9 Started				
					12 Ty				
of Carin	ng Device		' x 2"	<u> </u>		_ Sampling Inte	erval		feet
			feet	□ Surveyed	d □ Estimated	Datum			
	Fluid Use	ed	ne			_ Drilling Metho	d6 1/4	Hollo	w-Stem Auge
Drilling Contrac	tor	n Berksh	ires, Inc.		Driller_	G. Rustemeye	rHelpe	r_G. Per	mble
Prepare By		eames				Hammer 140# Weight	Har Dro	nmer ₃₀	inches
Sample/( (feet below From	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 Inches	SAMPLE ID	Sample/	/Core Description			
0	2	1.6	9-15-33-40	P2Y090002	Fill - SAND (50%) brow	m, coarse to me	dium; Gra	ivel (30:	%) coarse
					to fine, subround, som	ne fragmented; a	ssorted f	ill (20)	%) cinders,
					brick; poorly sorted,	chemical odor,	damp.		
					(10" thick concrete pa	d cover)			
2	4	0.8	28-26-	P2Y090204	Fill - Same as above,	chemical odor.			
			60/0.2						
4	6	1.0	32-17-23-16	P2Y090406	Fill - SAND (50%) blac	k stained, coar	se to fir	ne; Grav	el (25%)
					coarse to fine, subrou	nd; assorted Fi	ll (25%)	metal, i	wire,
					cinders, brick, wood,	white pasty mat	erial; tr	ace mic	a-like
					cellophane-like flakes	, poorly sorted	, damp-mo	ist.	
6	8	1.5	7-7-7-6	P2Y090608	Fill/Natural Interface	? Upper 1.01- S	ame as ab	ove. Lo	wer 1.0' -
					SAND (100%) green-gray	, coarse to med	ium, well	sorted	, loose,
					micaceous, trace roots	, stained dark,	slight o	hemical	odor,
			}	}   	damp.				i
8	10	1.5	6-5-4-5	P2Y090810	Natural - Same as lowe	r 1.0° above.			
10	12	1.2	5-4-3-3	P2Y091012	SAND (100%) alive brown	m-gray, coarse	to medium	, loose	, well
					sorted, slight chemica	l odor, moist-w	et.		
	12				End of Boring				
			}			<del></del>			



BoringΛ	v-1 Veli	0 F	Project/No	AY05311			Page	1 of	1
Site		Area 2 S	crap Yard		Drilling 6-20-		lling	6-20-91	
			feet l	Hole Diameter	inches Co	pe of Sample/ pring Device		<del></del>	
	and Dian ig Device					_Sampling Inter	rval		feet
				☐ Surveyed	☐ Estimated	Datum			
Drilling 1	Fluid Use	ed	one			_Drilling Method	d Hotte	w-Stem Au	iger —————
Drilling Contract	tor	n Berksh	ires, Inc.		Driller_	George	Helpe	Dennis	
Prepare By		aBarge				Hammer _{140#} Weight	Han Dro	nmer ₃₀ p	inches
Sample/0	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/	Core Description			
0	2	1.2	2-20-40-20	P2Y100002	Fill - SAND (90%) brown	n, fine at top,	to black	, stained	I,
		-			at base; Coal fragment	s (10%) black, (	charred.		
2	4	1.3	15-23-15-25	P2Y100204	Fill - SAND (60%) brown	n, fine at top	to staine	d black,	coarser
					at base; Coal fragment	s (40%) crushed	, black.		
4	6	0.2	5-3-3-7	P2Y100406	Same as above with woo	d.			
6	8	0.4	6-4-8-14	P2Y100608	Stained black SAND and	crushed black (	COAL mixt	ure (100%	), fine
					to coarse.				
8	10	0.2	28/100/R	P2Y100810	Same as above; Refusi	at 9 feet after	128 blow	s (Steel?	) Auger
					to 10 feet.				
10	12	2.0	4-2-2-2	P2Y101012	Natural - SAND (100%)	well-sorted bro	own, mois	t to wet,	loose;
					Trace organic material	, roots.			
					Bottom of fill = 10 fee	et			
<u> </u>									
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Borino/V	γ.· Velt	11 F	Project/No	AY05311	Page1
Site Location	GE -	Scrap Y	ard		Drilling 6-12-91 Drilling 6-12-91  Started Completed
		ed	feet	Hole Diameter.	12 Type of Sample/ split spoon Coring Device
Length a of Coring	and Diam g Device	neter ;	2' x 2"		Sampling Interval
				<del>-</del>	☐ Estimated Datum
			one		Drilling Method 6 1/4" Hollow-Stem Auge
Drilling Contract	OrCle	an Berks	hires, Inc.		Driller G. Rustemeyer Helper B. Pike
Prepared By	s. !	Beames			Hammer Hammer 30 Linches
Sample/C (feet below t	ore Depth land surface)	Core Recovery (feet)	Time/Hydrautic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
0	2	1.3	8-6-4-5	P2Y110002	Fill - SAND (60%) brown-black stained, coarse to fine;
					Gravel (30%) coarse to fine, subrounded; assorted Fill (10%)
					cinders, brick, wood; poorly sorted, damp. (6.5 to 7.0" thick
		i	1	İ	concrete overlying)
2	4	0.5	4-2-1-1	P2Y110204	Fill - SAND (40%) brown-black stained, coarse to fine;
	 				Gravel (40%) coarse to fine, subround; assorted Fill (20%)
					cinders, brick, plastic, wood, metal; poorly sorted, moist.
4	6	2.0	2-2-3-5	P2Y110406	Fill/Natural Interface Upper 1.0' - Same as above. Lower 1.0'-
					SAND (100%) light brown, coarse to medium, loose, well sorted,
				}	micaceous, damp.
6	8	1.8	3-3-6-8	P2Y110608	Same as lower 1.0' above.
8	10	2.0	3-6-4-5	P2Y110810	Same as above.
	10				End of Boring
				<u> </u>	
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Boring/	Y-1;	2	Project/No	AY05311	Page 1 of 1
Site Location	GE - :	Scrap Ya	•		Drilling 6-12-91 Drilling 6-12-91 Started Completed
Total De	epth Drille and Dian	neter 🥫	feet	Hole Diamete	Type of Sample/ split speep
			feet		
	Fluid Use			•	Drilling Method 6 1/4" Hollow-Stem Auger
Drilling Contract	Class				DrillerG. Rustemeyer Helper_B. Pike
Prepare By	ed s R	eames			Hammer 140# Hammer 30 inches
	Core Depth land surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
0	7 2	1.2	5-10-16-35	P2Y120002	Fill - SAND (40%) brown-black stained, coarse to fine;
ļ -	<del>  -</del>			12112302	
	<del>                                     </del>		<del> </del>		Gravel (40%) coarse to fine, subround; assorted Fill (20%)
					cinders, brick; trace brown silt, poorly sorted, compact, damp.
2	4	1.0	11-21-11-18	P2Y120204	Fill - SAND (35%) brown-black stained, coarse to fine; Gravel
ļ	-				(35%) coarse to fine, subround; assorted Fill (30%) wood, glass,
			<u> </u>	ļ	cinders, brown loose fine material; poorly sorted, damp-moist.
4	6	1.2	14-10-25-12	P2Y120406	Fill - Same as above.
6	8	1.4	11-9-6-6	P2Y120608	Fill - Same as above.
8	10	1.0	10-9-8-8	P2Y120810	Fill - Same as above.
10	12	1.0	8-14-8-10	P2Y121012	Fill - SAND (50%) brown-black stained, coarse to fine; Gravel
					(40%) fine to medium, little coarse, subround; assorted Fill
			<u></u>		(10%) cinders, wood, brick; poorly sorted, damp-moist.
12	14	0.7	14-15-12-20	P2Y121214	Fill - Same as above.
14	16	0.6	13-26-4-4	PZY121416	Fill/Natural Interface - Upper 1.0: - Same as above. Lower
					1.0' - SAND (100%) olive green-gray, coarse to medium, loose,
					well sorted, micaceous, moist-wet.
16	18	1.0	19-4-3-3	P2Y121618	Same as lower 1.0' above.
	18				End of Boring
		-	1		



Borina/	Weli Y-	13	Project/No	AY05311	Page 1 1
Site Location	GE -	Scrap	Yard A2		Drilling 6-14-91 Drilling 6-14-91 Started Completed
Total De	epth Drille	ed1	io feet l	Hole Diamete	Type of Sample/ split spoon orinches Coring Device
					Sampling Intervalfeet
Land-Su	urface Ele		feet	□ Surveye	ed 🗆 Estimated Datum
Drilling	Fluid Use	ed	None		Drilling Method 6 1/4" Hollow-Stem Auge
Drilling Contract	otorcle	ean Berk	cshires, Inc.		Driller G. Rustemeyer Helper B. Pike
D					Hammer Hammer 30 inches
	Core Depth land surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLEID	Sample/Core Description
O	2	8.0	3-6-9-14	P2Y130002	Fill - SAND (40%) brown, coarse to fine; Gravel (40%) coarse to
	<del>                                     </del>				fine, subangular to subround, ballast upper 2%; assorted
					Fill (20%) cinders, glass, wood, metal; poorly sorted, damp.
					(located between railroad rails)
2	4	1.2	10-15-20-12	P2Y130204	Same as above.
4	6	1.2	16-8-6-6	P2Y130406	Same as above with brick.
6	8	1.5	6-7-5-4	P2Y130608	Upper 3" - Same as above, Lower Natural - SAND (100%) brown
		ļ	1		coarse to medium, micaceous, well sorted, loose, moist.
8	10		6-6-5-4	P2Y130810	Same as lower section above.
 	10				End of Boring
	ļ				
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Size   Az   Screp   Yard   Drilling   6-14-91   Drilling   6-14-91   Competed   6-14-91   Competed   Competed   Competed   Competed   Competed   Competed   Competed   Competed   Competed   Santa   Competed   Santa   Sampling   Interval   2   feet   Surveyed   Estimated   Datum   Drilling   Method   6-14-91   Mone   Drilling   Method   6-14-91   Mone   Drilling   Method   6-14-91   Mone   Drilling   Method   6-14-91   Mone   Drilling   Method   6-14-91   Mone   Drilling   Method   6-14-91   Mone   Drilling   Method   6-14-91   Mone   Drilling   Method   6-14-91   Mone   Drilling   Method   6-14-91   Mone   Drilling   Method   6-14-91   Mone   Drilling   Method   6-14-91   Mone   Mone   Drilling   Method   6-14-91   Mone   Mone   Drilling   Method   6-14-91   Mone   Mone   Drilling   Method   6-14-91   Mone   Mone   Drilling   Method   6-14-91   Mone   Mone   Drilling   Method   6-14-91   Mone   Mone   Drilling   Method   6-14-91   Mone   Mone   Mone   Drilling   Method   6-14-91   Mone   Mone   Drilling   Method   6-14-91   Mone   Mone   Mone   Drilling   Method   6-14-91   Mone   Mone   Mone   Drilling   Method   6-14-91   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone   Mone	Barina/We	<b>Y</b> Ili	-14 F	Project/No	AY05311	Page1 of
Total Depth Drilled	Site	GE		•		
Sampling Interval   Sampling Interval   Sampling Interval   Sampling Interval   Sampling Interval   Sampling Interval   Daturn			:d			12 Type of Sample/ Split Speep
Drilling Fluid Used None Drilling Method 6 1/4" Hollow-Stem Aug Drilling Contractor Clean Berkshires, Inc. Drilling G. Rustemeyer Helper B. Pike  Hammer 140# Hammer 30 inches  Sample/Core Depth (Reet below land surface) From To Recovery Blows per 6 Inches  SAMPLE ID Sample/Core Description  0 2 1.5 6-25-35-16 P2Y140002 Filt - SAND (35%) brown-black stained, coarse to fine; Gravet  (35%) coarse to fine, subangular to subround; assorted Fill  (30%) fine, cinders, brick, glass; poorly sorted, damp-moist.  2 4 1.5 11-17-17- 4 P2Y140204 Same as above.  4 6 1.0 12-10-8-7 P2Y140406 Same as above, more brick, slight chemical odor.  6 8 0.5 7-10-7-7 P2Y140608 Same as above, cellophane/mica-like material.  10 12 1.0 8-7-5-5 P2Y141012 Same as above, cellophane/mica-like material.  11 1.5 2-2-2-5 P2Y14112 Same as above. Lower-Natural - SAND (100%), olive-brown, coarse to medium, micaceous, loose, well sorted, wet.  End of Boring	Length an of Coring	d Dian Device	neter	2' x 2"		Sampling Intervalfeet
Clean Berkshires, Inc.  Clean Berkshires, Inc.  Driller  G. Rustemeyer Helper B. Pike  Hammer Weight  Hammer To Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  Core Recovery (feet)  SAMPLE ID  Sample/Core Description  Sample/Core Description  (35%) brown-black stained, coarse to fine; Gravel  (35%) coarse to fine, subangular to subround; assorted Fill  (30%) fine, cinders, brick, glass; poorly sorted, damp-moist.  2 4 1.5 11-17-17-14 P2Y140204 Same as above.  4 6 1.0 12-10-8-7 P2Y140406 Same as above, more brick, slight chemical odor.  6 8 0.5 7-10-7-7 P2Y140608 Same as above, cellophane/mica-like material.  10 12 1.0 8-7-5-5 P2Y141012 Same as above (moist-wet).  12 14 1.5 2-2-2-5 P2Y141214 Upper 2" - Same as above. Lower-Natural - SAND (100%), olive-brown, coarse to medium, micaceous, loose, well sorted, wet.  End of Boring	Land-Surfa	ace Ele			□ Surveyed	
Contractor Prepared S. Beames Sample/Core Depth (feet) To recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Core Recovery feet)  Sample/Core Description  Sample/Core Description  Sample/Core Description  Sample/Core Description  Core Recovery feet)  Sample/Core Description  Sample/Core Description  Core Recovery feet)  Sample/Core Description  Core Recovery feet)  Sample/Core Description  Sample/Core Description  (35%) coarse to fine, subangular to subround; assorted Fill  (30%) fine, cinders, brick, glass; poorly sorted, damp-moist.  2 4 1.5 11-17-17-14 P2Y140204 Same as above.  4 6 1.0 12-10-8-7 P2Y140406 Same as above, more brick, slight chemical odor.  6 8 0.5 7-10-7-7 P2Y140608 Same as above, cellophane/mica-like material.  10 12 1.0 8-7-5-5 P2Y141012 Same as above (moist-wet).  12 14 1.5 2-2-2-5 P2Y141214 Upper 2" - Same as above. Lower-Natural - SAND (100%), olive-brown, coarse to medium, micaceous, loose, well sorted, wet.  End of Boring		uid Use	ed	None		Drilling Method 6 1/4" Hollow-Stem Au
Sample/Core Depth (feet below land surface) From To (feet)  Core Recovery (feet)  1.5 6-25-35-16 P2Y140002 Fill - SAND (35%) brown-black stained, coarse to fine; Gravel (35%) coarse to fine, subangular to subround; assorted Fill (30%) fine, cinders, brick, glass; poorly sorted, damp-moist.  2 4 1.5 11-17-17-14 P2Y140204 Same as above.  4 6 1.0 12-10-8-7 P2Y140406 Same as above, more brick, slight chemical odor.  6 8 0.5 7-10-7-7 P2Y140608 Same as above.  8 10 0/1.0 7-6-6-6 P2Y140810 Same as above, cellophane/mica-like material.  10 12 1.5 2-2-2-5 P2Y141012 Same as above (moist-wet).  11 15 2-2-2-5 P2Y141214 Upper 2" - Same as above. Lower-Natural - SAND (100%), olive-brown, coarse to medium, micaceous, loose, well sorted, wet.  End of Boring		Cl+	ean Berk	shires, Inc.	•	•
Pressure or   From   To   Core   Core   From   To   Core   Core   Grave   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Cor		<b>s.</b>	Beames			Hammer Hammer 30 Uniches
(35%) coarse to fine, subangular to subround; assorted Fill  (30%) fine, cinders, brick, glass; poorly sorted, damp-moist.  2 4 1.5 11-17-17-14 P2Y140204 Same as above.  4 6 1.0 12-10-8-7 P2Y140406 Same as above, more brick, slight chemical odor.  6 8 0.5 7-10-7-7 P2Y140608 Same as above.  8 10 0/1.0 7-6-6-6 P2Y140810 Same as above, cellophane/mica-like material.  10 12 1.0 8-7-5-5 P2Y141012 Same as above (moist-wet).  11 1.5 2-2-2-5 P2Y141214 Upper 2" - Same as above. Lower-Natural - SAND (100%), olive-brown, coarse to medium, micaceous, loose, well sorted, wet.  14 End of Boring	(feet below lan	d surface)	Recovery	Pressure or Blows per 6		Sample/Core Description
(30%) fine, cinders, brick, glass; poorly sorted, damp-moist.  2 4 1.5 11-17-17-14 P2Y140204 Same as above.  4 6 1.0 12-10-8-7 P2Y140406 Same as above, more brick, slight chemical odor.  6 8 0.5 7-10-7-7 P2Y140608 Same as above.  8 10 0/1.0 7-6-6-6 P2Y140810 Same as above, cellophane/mica-like material.  10 12 1.0 8-7-5-5 P2Y141012 Same as above (moist-wet).  11 1.5 2-2-2-5 P2Y141214 Upper 2" - Same as above. Lower-Natural - SAND (100%), olive-brown, coarse to medium, micaceous, loose, well sorted, wet.  14 End of Boring	0	2	1.5	6-25-35-1	P2Y140002	Fill - SAND (35%) brown-black stained, coarse to fine; Gravel
2 4 1.5 11-17-17-14 P2Y140204 Same as above.  4 6 1.0 12-10-8-7 P2Y140406 Same as above, more brick, slight chemical odor.  6 8 0.5 7-10-7-7 P2Y140608 Same as above.  8 10 0/1.0 7-6-6-6 P2Y140810 Same as above, cellophane/mica-like material.  10 12 1.0 8-7-5-5 P2Y141012 Same as above (moist-wet).  11 1.5 2-2-2-5 P2Y141214 Upper 2" - Same as above. Lower-Natural - SAND (100%), olive-brown, coarse to medium, micaceous, loose, well sorted, wet.  14 End of Boring						(35%) coarse to fine, subangular to subround; assorted Fill
4 6 1.0 12-10-8-7 P2Y140406 Same as above, more brick, slight chemical odor. 6 8 0.5 7-10-7-7 P2Y140608 Same as above. 8 10 0/1.0 7-6-6-6 P2Y140810 Same as above, cellophane/mica-like material. 10 12 1.0 8-7-5-5 P2Y141012 Same as above (moist-wet). 11 14 1.5 2-2-2-5 P2Y141214 Upper 2" - Same as above. Lower-Natural - SAND (100%), oliver-brown, coarse to medium, micaceous, loose, well sorted, wet. 14 End of Boring		·—				(30%) fine, cinders, brick, glass; poorly sorted, damp-moist.
6 8 0.5 7-10-7-7 P2Y140608 Same as above.  8 10 0/1.0 7-6-6-6 P2Y140810 Same as above, cellophane/mica-like material.  10 12 1.0 8-7-5-5 P2Y141012 Same as above (moist-wet).  11 1.5 2-2-2-5 P2Y141214 Upper 2" - Same as above. Lower-Natural - SAND (100%), olive-brown, coarse to medium, micaceous, loose, well sorted, wet.  10 12 1.5 End of Boring	2	4	1.5	11-17-17-	14 PZY140204	Same as above.
8 10 0/1.0 7-6-6-6 P2Y140810 Same as above, cellophane/mica-like material.  10 12 1.0 8-7-5-5 P2Y141012 Same as above (moist-wet).  11 14 1.5 2-2-2-5 P2Y141214 Upper 2" - Same as above. Lower-Natural - SAND (100%), olive-brown, coarse to medium, micaceous, loose, well sorted, wet.  14 End of Boring	4	6	1.0	12-10-8-7	P2Y140406	Same as above, more brick, slight chemical odor.
10 12 1.0 8-7-5-5 P2Y141012 Same as above (moist-wet).  12 14 1.5 2-2-2-5 P2Y141214 Upper 2" - Same as above. Lower-Natural - SAND (100%), olive-brown, coarse to medium, micaceous, loose, well sorted, wet.  14 End of Boring	6	8	0.5	7-10-7-7	P2Y140608	Same as above.
12 14 1.5 2-2-2-5 P2Y141214 Upper 2" - Same as above. Lower-Natural - SAND (100%), olive-brown, coarse to medium, micaceous, loose, well sorted, wet.  14 End of Boring	8	10	0/1.0	7-6-6-6	P2Y140810	Same as above, cellophane/mica-like material.
brown, coarse to medium, micaceous, loose, well sorted, wet.  14 End of Boring	10	12	1.0	8-7-5-5	P2Y141012	Same as above (moist-wet).
14 End of Boring	12	14	1.5	2-2-2-5	P2Y141214	Upper 2" - Same as above. Lower-Natural - SAND (100%), olive-
						brown, coarse to medium, micaceous, loose, well sorted, wet.
Water at 12'		14				End of Boring
						Water at 12'
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				<del> </del>		
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Site Location GE - Area 2 Scrap Yard Started Drilling 6-20-91 Drilling 6-20-91  Total Depth Drilled 12 feet Hole Diameter 12 inches Coring Device Sample/ Split Spoon  Length and Diameter 21 x 2" Sampling Interval 2 feet  Land-Surface Elev. feet Surveyed Estimated Datum  Drilling Fluid Used None Drilling Method Hollow-Stem Auger  Prepared Hammer Hammer Hammer	Boring/	Well Y-	15	_ Project/No	AY05311 Page 1 of 1
Total Depth Drilled 12 feet Hole Diameter 12 inches Coring Device Split spoon  Length and Diameter 21 x 2" Sampling Interval 2 feet Hole Diameter of Coring Device Sampling Interval 2 feet Surveyed Sampling Interval 2 feet Drilling Fluid Used None Drilling Fluid Used None Drilling Method NotLow-Stem Auger  Drilling Fluid Used None Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Notlow-Stem Auger  Drilling Method NotLow-Stem Auger  Drilling Method NotLow-Stem Auger  Notlow-Stem Aug	Site	GF -		•	- W
of Corng Device		•	ed	teet	Hole Diameterinches
Drilling Fluid Used None Drilling Method Hollow-Stem Auger    Drilling Contractor   Clean Berkshires, Inc.   Driller George   Helper Dennis	of Corir	ng Device	=	2' x 2"	Sampling Intervalfee
Drilling Contractor  Clean Berkshires, Inc.  Clean Berkshires, Inc.  Driller  Clean Berkshires, Inc.  Driller  A. LaBarge  A. LaBarge  A. LaBarge  Time/Hydraulic Pressure or Recovery (Recovery Recovery (Recovery Recovery Recovery (Recovery Recovery (Recovery Recovery (Recovery Recovery (Recovery Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery (Recovery	Land-S	urface Ele	€V	feet	☐ Surveyed ☐ Estimated Datum
Drilling   Clean Berkshires, Inc.   Driller   George   Helper   Dennis	Drilling	Fluid Use	ed	None	Drilling Method Hollow-Stem Auger
Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   Hammer   H	Drilling Contract	tor Cle	an Ber	kshires, Inc.	Driller George Helper Dennis
(Ret below land surface) From To Core Plant Provided Brown part of Inches SAMPLEID Sample/Core Description  0 2 1.1 12-11-12-14 P2Y150002 Fill - SAMD (80%) brown, fine on top, to black, medium-coarse at base; Gravel (20%) small, subrounded.  2 4 1.0 19-14-14-13 P2Y150204 Fill - SAMD (60%) black, stained, coarse to fine; Wood (20%)  large pieces; Gravel (20%) small, subrounded; Trace brick.  4 6 1.7 7-13-16-15 P2Y150406 Fill - SAMD (90%) black, coarse to medium at top; olive-green,  finer at base; Gravel (10%) small, subrounded. Larger gravel  at base; track brick at top.  6 8 1.9 7-4-4-3 P2Y150608 SAMD (80%) olive-brown, fine to medium; Gravel (20%) schist  fragments, small to medium, subrounded.  8 10 1.7 2-4-7-7 P2Y150810 SAMD (95%) well-sorted, fine to medium, brown to olive-brown,  loose; Gravel (5%) small, subrounded.	D	لد			
1.1 12-11-12-14 P2Y150002 Fill - SAND (80%) brown, fine on top, to black, medium-coarse at base; Gravel (20%) small, subrounded.  2 4 1.0 19-14-14-13 P2Y150204 Fill - SAND (60%) black, stained, coarse to fine; Wood (20%) large pieces; Gravel (20%) small, subrounded; Trace brick.  4 6 1.7 7-13-16-15 P2Y150406 Fill - SAND (90%) black, coarse to medium at top; olive-green, finer at base; Gravel (10%) small, subrounded. Larger gravel at base; track brick at top.  6 8 1.9 7-4-4-3 P2Y150608 SAND (80%) olive-brown, fine to medium; Gravel (20%) schist fragments, small to medium, subrounded.  8 10 1.7 2-4-7-7 P2Y150810 SAND (95%) well-sorted, fine to medium, brown to olive-brown, loose; Gravel (5%) small, subrounded.  10 12 1.8 6-7-6-5 P2Y151012 Same as above with trace organic roots.	(leet below	land surface)	Recovi	Pressure or Blows per 6	
base; Gravel (20%) small, subrounded.  2 4 1.0 19-14-14-13 P2Y150204 Fill - SAND (60%) black, stained, coarse to fine; Wood (20%)  large pieces; Gravel (20%) small, subrounded; Trace brick.  4 6 1.7 7-13-16-15 P2Y150406 Fill - SAND (90%) black, coarse to medium at top; olive-green,  finer at base; Gravel (10%) small, subrounded. Larger gravel  at base; track brick at top.  6 8 1.9 7-4-4-3 P2Y150608 SAND (80%) olive-brown, fine to medium; Gravel (20%) schist  fragments, small to medium, subrounded.  8 10 1.7 2-4-7-7 P2Y150810 SAND (95%) well-sorted, fine to medium, brown to olive-brown,  loose; Gravel (5%) small, subrounded.  10 12 1.8 6-7-6-5 P2Y151012 Same as above with trace organic roots.		T			
2 4 1.0 19-14-14-13 P2Y150204 Fill - SAND (60%) black, stained, coarse to fine; Wood (20%) large pieces; Gravel (20%) small, subrounded; Trace brick.  4 6 1.7 7-13-16-15 P2Y150406 Fill - SAND (90%) black, coarse to medium at top; olive-green, finer at base; Gravel (10%) small, subrounded. Larger gravel at base; track brick at top.  6 8 1.9 7-4-4-3 P2Y150608 SAND (80%) olive-brown, fine to medium; Gravel (20%) schist fragments, small to medium, subrounded.  8 10 1.7 2-4-7-7 P2Y150810 SAND (95%) well-sorted, fine to medium, brown to olive-brown, loose; Gravel (5%) small, subrounded.  10 12 1.8 6-7-6-5 P2Y151012 Same as above with trace organic roots.		<u> </u>	•• •	12-11-12-14	
large pieces; Gravel (20%) small, subrounded; Trace brick.  4 6 1.7 7-13-16-15 P2Y150406 Fill - SAND (90%) black, coarse to medium at top; olive-green, finer at base; Gravel (10%) small, subrounded. Larger gravel at base; track brick at top.  6 8 1.9 7-4-4-3 P2Y150608 SAND (80%) olive-brown, fine to medium; Gravel (20%) schist fragments, small to medium, subrounded.  8 10 1.7 2-4-7-7 P2Y150810 SAND (95%) well-sorted, fine to medium, brown to olive-brown, loose; Gravel (5%) small, subrounded.  10 12 1.8 6-7-6-5 P2Y151012 Same as above with trace organic roots.					
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finer at base; Gravel (10%) small, subrounded. Larger gravel  at base; track brick at top.  6 8 1.9 7-4-4-3 P2Y150608 SAND (80%) olive-brown, fine to medium; Gravel (20%) schist  fragments, small to medium, subrounded.  8 10 1.7 2-4-7-7 P2Y150810 SAND (95%) well-sorted, fine to medium, brown to olive-brown,  loose; Gravel (5%) small, subrounded.  10 12 1.8 6-7-6-5 P2Y151012 Same as above with trace organic roots.					large pieces; Gravel (20%) small, subrounded; Trace brick.
at base; track brick at top.  6 8 1.9 7-4-4-3 P2Y150608 SAND (80%) olive-brown, fine to medium; Gravel (20%) schist  fragments, small to medium, subrounded.  8 10 1.7 2-4-7-7 P2Y150810 SAND (95%) well-sorted, fine to medium, brown to olive-brown,  loose; Gravel (5%) small, subrounded.  10 12 1.8 6-7-6-5 P2Y151012 Same as above with trace organic roots.	4	6	1.7	7-13-16-15	P2Y150406 Fill - SAND (90%) black, coarse to medium at top; olive-green,
6 8 1.9 7-4-4-3 P2Y150608 SAND (80%) olive-brown, fine to medium; Gravel (20%) schist fragments, small to medium, subrounded.  8 10 1.7 2-4-7-7 P2Y150810 SAND (95%) Well-sorted, fine to medium, brown to olive-brown, loose; Gravel (5%) small, subrounded.  10 12 1.8 6-7-6-5 P2Y151012 Same as above with trace organic roots.					finer at base; Gravel (10%) small, subrounded. Larger gravel
fragments, small to medium, subrounded.  8 10 1.7 2-4-7-7 P2Y150810 SAND (95%) well-sorted, fine to medium, brown to olive-brown,  loose; Gravel (5%) small, subrounded.  10 12 1.8 6-7-6-5 P2Y151012 Same as above with trace organic roots.					at base; track brick at top.
8 10 1.7 2-4-7-7 P2Y150810 SAND (95%) well-sorted, fine to medium, brown to olive-brown, loose; Gravel (5%) small, subrounded.  10 12 1.8 6-7-6-5 P2Y151012 Same as above with trace organic roots.	6	8	1.9	7-4-4-3	P2Y150608 SAND (80%) olive-brown, fine to medium; Gravel (20%) schist
loose; Gravel (5%) small, subrounded.  10 12 1.8 6-7-6-5 P2Y151012 Same as above with trace organic roots.					fragments, small to medium, subrounded.
10 12 1.8 6-7-6-5 P2Y151012 Same as above with trace organic roots.	8	10	1.7	2-4-7-7	P2Y150810 SAND (95%) well-sorted, fine to medium, brown to olive-brown,
					loose; Gravel (5%) small, subrounded.
Bottom of Fill = 8 feet	10	12	1.8	6-7-6-5	P2Y151012 Same as above with trace organic roots.
					Bottom of Fill = 8 feet
			-		



Boring/V	Y- Vell	16 F	Project/No.	AY05311	Page 1 1
Site	GE -	A2 Scra	no Yard		Drilling 6-14-91 Drilling 6-14-91 Started Completed
		12			12 Type of Sample/ split spoon inches Coring Device
	and Dian g Device		2' x 2"		Sampling Intervalfeet
Land-Su	rface Ele			□ Surveyed	☐ Estimated Datum
_	Fluid Use	ed	lone		Drilling Method 6 1/4" Hollow-Stem Aug
Drilling Contract	or	an Berks	hires, Inc.		Driller G. Rustemeyer Helper B. Pike
Prepared By	g s.	Beames			Hammer 140# Hammer 30 inches
Sample/C (feet below !	ore Depth land surface) To	Core Recovery (feet)	Tima/Hydraulic Pressure or Blows per 6 Inches	SAMPLE ID	Sample/Core Description
0	2	0.9	6-12-9-9	P2Y160002	Fill - SAND (50%) brown, coarse to fine; Gravel (50%) coarse
					to fine, subround; poorly sorted, very loose, dry-damp.
2	4	1.0	6-5-6-6	P2Y160204	Fill - SAND (50%) olive brown, coarse to fine; Gravel (30%)
					coarse to fine, subround; Silt (20%) olive brown; poorly sorted
					semi-compacted, damp. (looks natural, like a loose till)
4	6	1.2	6-7-6-5	P2Y160406	Fill - Same as above.
6	8	1.5	4-4-4-7	P2Y160608	Same as above.
8	10	1.2	5-5-6-7	P2Y160810	Upper 0.5' - Same as above. Lower 1.5' - assorted Fill (100%)
					wood, wire, cellophane/mica-like material, all black stained;
		-			moist.
10	12	1.8	8-6-5-5	P2Y161012	Upper 0.5' - Same as lower section above. Lower 1.5' - SAND
					(100%) olive brown, some stained black, coarse to medium,
				\	micaceous, well sorted, wet.
	12				End of Boring
					Water at 12'



Boring/V	y - 1 Vell	1 <b>7</b>	Project/No	AY05311			_Page	1	of	2
Site	GF -	AZ Scrai			Drilling 6-18- Started	-91 Dr	rilling	6-18	-91	
Total De	pth Drille	16 	feet	Hole Diameter.	12 Ty inches Co					
of Coring	and Dian g Device	neter ;	2' x 2"			_Sampling Inte	erval2			feet
Land-Su	rface Ele	IV	feet	☐ Surveyed	□ Estimated	Datum				
	Drilling Fluid Used None					_Drilling Metho	d61/6	4" Hol	Low-S	item Auge
Drilling Contract	orclea	an Berksi	nires, Inc.		Driller_	G. Rustemey	er_Helpe	r	Pike	
Prepared By		Beames		<del> </del>		Hammer 140# Weight	Han Dro	nmer p	30	_inches
Sample/C (feet below (	ore Depth land surface) To	Cors Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/	Core Description				
0	2	1.8	13-15-11-13	P2Y170002	Fill - SAND (50%) dark	c brown, fine o	rganic pe	at-lik	e, so	oft;
					Assorted Fill (40%) gl	lass, ceramic,	cinders,	coal,	1" th	ick
					graphite; Gravel (10%)	) coarse to fin	e, subrou	nd; po	orly	sorted,
			1		damp.					
2	4	2.0	8-3-2-3	P2Y170204	Same as above.					
4	6	1.8	3-2-3-4	P2Y170406	Same as above (trace t	light brown sil	t).			
6	8	0.5	5-7-9-10	P2Y170608	Upper 2™ - Same as abo	ove. Lower - S/	AND (50%)	light	brow	ın, fine;
					Silt (25%) light brown	n; Gravel (25%)	fine, tra	ace me	dium,	
					subround; poorly sorte	ed, damp-moist.				
8	10	0/0.5	5-5-6-6	P2Y170810	Same as upper section	above (Fill wi	th trace	tile).		
10	12	6.4	7-6-8-7	P2Y171012	Fill - Upper 2" - SANS	) (50%) light b	rown, fine	e; Sil	t (25	%) light
					brown; Gravel (25%) fi	ine, trace medi	um, subroi	und; p	oorly	sorted
				}	moist. Lower: Fill- S	SAND (100%) gre	y, coarse	to me	dium,	loose,
					moist.					
12	14	2.0	14-11-7-6	P2Y171214	Fill - Upper 1.2' - Sa	ane as upper sec	ction abov	ve. N	atura	il -
		_			Lower 0.8' - SAND (100	%) grey-olive h	prown, son	ne bla	ck st	aining,
					fine, trace medium, we	ell sorted, trad	ce silt, r	nicace	ous,	moist.
					Between - 3" section of	of Assorted Fil	l - black,	, cind	er, m	etal,
				]	cellophane material.					
			<u> </u>							



# SAMPLE/CORE LOG (Cont.d)

Boring/M	/ell				Page of
Prepared	d By	. Beames			
Sample/Co (feet below in	ore Depth and surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
14	16		4-3-6-8	P2Y171416	Natural - SILT and SAND (100%) olive brown, fine, well
					sorted, smearable, semi-plastic, moist-wet.
	16		-		End of Boring
		***			
					<del></del>
		-	<u>-</u>		
-					



Boring∆	Y-1 Meli	8	Project/No	AY05311			Page	1	of1
Site Location	GE -	AZ Scrap	Yard		Drilling 6-18-9 Started	91 Drì	illing	6-18-9	
Total De	epth Drille	14 	feet	Hole Diameter	12 Tyl	pe of Sample/ oring Device	Split	Spoon	
Length of Corin	and Dian ig Device	neter z	. x 2"			_ Sampling Inter	rval2		feet
Land-Su	urface Ele			☐ Surveyed	d Estimated	Datum			
	Fluid Use	ed	ene 	<del></del>	<del> </del>	_Drilling Method	<u> </u>	" Hollo	w-Stem Auge
Drilling Clean Berkshires, Inc.			ires, Inc.	<del></del>		G. Rustemeyer			
	Prepared S. Beames					Hammer 140# Weight	Har Dro	nmer ₃₀	inches
Sample/I (feet below	Core Depth land surface)	Cors Recovery (feet)	Time/Hydraulic Pressure or Blows per 8 inches	SAMPLE ID	Semple/(	Core Description			
0	2	1.5	3-5-7-10	P2Y180002	Fill - SAND (50%) brown	n-black, coarse	to fine;	Assort	ed
					Fill (35%) glass, coal,	, cinders, brick	k; Gravel	(15%)	coarse to
					fine, subround; poorly	sorted, loose,	upper 3"	' rip ra	p, damp.
					(located within railros	ed rails)			
2	4	1.2	6-8-4-6	P2Y180204	Fill - Same as above.				
4	6	1.0	9-5-5-6	P2Y180406	Fill - Upper 3" - Same	as above. Lowe	er - SAND	(100%)	orange-
					brown, coarse to medium	n, well sorted,	loose, t	race fi	ne gravel,
					damp.				
6	8	2.0	12-8-7-7	P2Y180608	Fill - Same as lower se	ection above.			
8	10	0.6	8-7-6-7	P2Y180810	Fill - Same as above (i	increased fine s	sand, tra	ce silt	) (moist),
10	12	2.0	5-8-4-4	P2Y181012	Natural - SAND and SILI	(100%) alive b	prown, fi	ne, wel	l sorted,
					semi-compact, wet.				
12	14	2.0	7-4-2-3	P2Y181214	SILT (80%) olive brown;	; Sand (20%) fir	ne; inter	mixed,	well
					sorted, smearable, plas	stic, trace brow	n clay,	wet-sat	urated.
	14				End of Boring				
					Water at 10.01				



Boring/M	y. Vell	·19	Project/No	AY05311	Page1
Site GE - A2 Scrap Yard Location			ap Yard		Drilling 6-19-91 Drilling 6-19-91 Started Completed
Total De	pth Drille	9.7	feet l	Hole Diameter	12 Type of Sample/ split spooninches Coring Device
Length a of Coring	and Diam g Device	neter ———	2' x 2"		Sampling Interval feet
Land-Su	rface Ele	V	feet	☐ Surveyed	
Drilling F	Fluid Use	ed	lone		Drilling Method 6 1/4" Hollow-Stem Aug
Drilling Contract			shires, Inc.		DrillerG. Rustemeyer HelperB. Pike
Prepared By		Beames			Hammer 140# Hammer 30 inches
Sample/C	ore Depth land surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
0	2	1.8	6-8-22-26	P2Y190002	Fill - SAND (80%) black stained, coarse to fine; Gravel (20%)
					coarse to fine, subround to subangular; poorly sorted,
					damp-moist.
2	4	1.5	6-6-8-10	P2Y190204	Fill - Upper 1.0'- Same as above. Lower - SAND (60%) brown,
					coarse to medium; Gravel (20%) coarse to fine, subround;
					Assorted Fill (20%) brick, cinders, fiber material (asbestos?);
					poorly sorted, moist.
4	6	0.6	6-12-16-10	P2Y190406	Fill - Same as lower section above.
6	8	0.1/	6-11-6-4	P2Y190608	Fill - SAND (70%) black stained-brown, coarse to fine; Gravel
		1.2			(25%) medium to fine, subround; Assorted Fill (5%) wood, brick;
					poorly sorted, moist.
8	10	1.6	3-6-11-24	P2Y190810	Natural - SAND (100%) light brown, coarse to medium, loose, wel
					sorted; Sand-brown, fine, tight; petroleum odor, moist.
10	12	1.6	20-12-6-4	P2Y191012	SAND (40%) grey-brown, coarse to fine, well sorted; Gravel(40%)
					coarse to fine, subround; Silt (20%) grey-brown; sorted, strong
					petroleum odor, moist.
12	14	1.8	3-6-10-12	P2Y191214	SAND (80%) grey-olive brown, coarse to medium, well sorted;
					Gravel (20%) fine, trace medium, subround to subangular, inter-
					mixed; strong petroleum odor, wet.
	14	<del></del>			End of Boring - Water at 13'



Boring/W	ell	r-20	Project/No	AY05311			Page	of.	1
Site Location	GE		2 Scrap Yard			4 30 01			
				Hole Diameter	inches	Type of Samp Coring Device	ple/ split e	: Spoon	
Length at of Coring	nd Dian Device	neter	2' x 2"			Sampling	Interval2	<u> </u>	feet
Land-Sur	face Ele		feet	☐ Surveyed	☐ Estimated	Datum			
Drilling Fl	luid Use	ed	None			Drilling Me	ethod Holl	ow-Stem /	luger
Drilling Contracto	orcı	ean Be	rkshires, Inc.		D	riller George	Helper	Dennis	<u>s</u>
Prepared By	۸.	LaBar	ge			Hammer Weight	Нап 140# Drop	nmer 0 30	inches
Sample/Co (feet below is From	re Depth ind surface) To	Core Recover (feet)	Time/Hydraulic Pressure or y Blows per 6 inches	SAMPLEID	s	ample/Core Description	a		
0	2	0.3	16-27-21-1	P2Y200002	Fill - SAND (70%)	dark-brown to b	black, fine to	medium;	Gravel
					(20%) small, subre	ounded; Wood (10	0%) packed in	shoe.	
2	4	0.1	55-60/R	P2Y200204	Fill - Poor recove	ery, pushing roo	ck. Sand (70%	i) black,	fine to
					coarse; Rock frage	ments (30%) whit	te. Green coa	ited coppe	er wire
					at 3 feet (ground	ing wire); trace	e wood.		
4	6	0.3	16-13-16-2	P2Y200406	Fill - SAND (80%)	black, coarse t	to fine; Grave	el (10%) s	small,
				İ	subrounded; Rock	fragments (10%)	broken.		
6	8	0.6	6-5-8-8	P2Y200608	Fill - Same as abo	ove, moist.			
8	10	0.2	5-5-5-6	P2Y200810	Poor recovery; Fil	ll - Wood (50%);	; Sand (30%) b	lack, cos	erse to
					fine, moist; Rock	fragments (20%)	).		
10	12	0.6	6-3-47-35	P2Y201012	Fill - Wood (30%);	; Sand (40%) bla	ack, moist, co	arse to f	fine;
					Rock fragments (3)	0%) white, broke	en and crushed	l	
12	14	2.0	5-6-6-8	P2Y201214	Fill/Natural Inter	rface approximat	tely 13 feet.	Upper fo	ot: Sand
					(50%) black, coars	se to fine; Rock	(fragments (3	0%) crush	red and
					broken; Wood (20%)	); Lower foot:	Sand (100%) m	edium to	coarse,
	·				well sorted, loose	e, brown; trace	organic roots	at base.	,
					Bottom of fill ≠ 1	l3 feet			



Boring/V	Vell Y-	21	Project/No	AY05311	Page 1 1
<b>~</b>	GE -	Area 2	Scrap Yard		Drilling 6-24-91 Drilling 6-24-91 Started Completed
				Hole Diamete	Type of Sample/ split spoon erinches Coring Device
dength a	and Dian Ig Device	neter :	21 x 2"		Sampling Intervalfeet
Land-Su	urface Ele	2V	feet	•	ed 🗆 Estimated Datum
	Fluid Use	ed	lone		Drilling Method Hollow-Stem Auger
Drilling Contract	tor	an Berks	hires, Inc.		DrillerGeorgeHelperButch
Prepared By		LaBarge			Hammer Hammer 30 inches
	Core Depth land surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLEID	Sample/Core Description
0	2	1.0	4-12-10-9	P2Y210002	Fill - SAND (70%) brown to black, coarse to fine; Gravel (30%)
					small to large, subangular to subrounded.
2	4	0.6	7-5-4-7	P2Y210204	Fill - SAND (95%) black to olive-green, fine, dry,
					well-sorted; Gravel (15%) small, subrounded.
4	6	0.5	4-6-7-9	P2Y210406	Fill - SAND (100%) light-brown to black, fine, well-sorted, dry;
	ļ				trace fine gravel.
6	8	1.4	7-7-6-13	P2Y210608	Fill - SAND (90%) light-brown, fine at top to coarser,
) 	ļ	ļ 			brown at base; Gravel (10%) small to medium, subangular to
					subrounded.
8	10	2.0	13-12-11-12	P2Y210810	Fill - SAND (95%) olive-brown, medium to fine, loose; Gravel
	ļ				(5%) small, rounded.
10	12	2.0	5-7-12-12	P2Y211012	Fill - SAND (90%) olive-brown to olive-green, coarse to fine,
					poorly sorted; Gravel (10%) small, subrounded, loose.
12	14	2.0	12-11-9-7	P2Y211214	Fill - SAND (85%) light-brown, medium, well-sorted at top to
					olive-brown, coarse to fine, poorly sorted at base, loose;
		<b> </b>			Gravel (15%) small to large, subrounded.
14	16	2.0	9-7-10-9	P2Y211416	Natural - SAND (80%) olive-green, fine, wet with trace organics
	<u> </u>				and orange mottling; Silt (15%) plive-brown, fine, wet; Gravel
		İ			(5%) small, subrounded. Bottom of fill = 13 feet



Boring/Well.	γ-	22	_Project/No	AY05311	Page 1 of 1
Site Location	GE -		2 Scrap Yard		Drilling 6-24-91 Drilling 6-24-91 Completed
Total Depth	Drille	d	10feet	Hole Diameter	12 Type of Sample/ split spoon Coring Device
Length and of Coring D	Diam	eter	21 x 20		Sampling Intervaltee
Land-Surfac	e Ele	v	feet	□ Surveye	d □ Estimated Datum
Drilling Fluid	d Use	d	None		Drilling Method Hollow-Stem Auger
Drilling Contractor	Cle	an Ber	rkshires, Inc.	<u>.                                    </u>	DrillerGeorge HelperButch
Prepared By		LaBarg	je		Hammer Hammer Weight 140# Drop 30 inches
Sample/Core I (feet below land : From	epth surface) To	Core Recover (feet)	Time/Hydraulic Pressure or y Blows per 6 inches	SAMPLEID	Sample/Core Description
0	2	0.8	5-8-10-10	P2Y220002	Fill - SAND (80%) red-brown to black, coarse to fine; Coal
	-	-			fragments (10%) black, charred; Gravel (10%) small, subengular;
					trace glass, brick.
2	4	1.2	7-5-5-4	P2Y220204	Fill - SAND (75%) medium-brown, fine to medium, moist; Gravel
					(20%) small to large; Coal (5%) black, charred.
4	6	2.0	5-5-6-8	P2Y220406	Fill/Natural Interface: Sand (80%) black, medium on top, to
					olive-brown, medium to coarse at base, loose; Gravel (20%)
					smatl, rounded.
6	В	1.7	6-9-10-11	P2Y220608	SAND (80%) medium-brown, coarse to fine, moist, loose with seams
					of tight dark brown sand; Gravel (20%) small to medium, rounded.
8	10	1.8	8-14-9-13	P2Y220810	SAND as above to 9 feet (50%); Gravel/Sand mixture (50%) 9-10
		<del></del>		<del> </del>	feet, medium to large rounded gravel with brown sand matrix.
				<u> </u>	Bottom of fill = 5 feet
		<del>"</del>			
<del></del>		<del>_</del>			
				+	
1 1			i		



Boring/M	Veli	23	Project/No	AY05311	Page1of1
Site Location	GE -		Scrap Yard		Drilling 6-21-91 Drilling 6-21-91 Started Completed
Total Dep Length a					Type of Sample/ split spoon  rinches Coring Device
of Coring	g Device				Sampling Intervalfeet
Land-Sui	rface Ele	٧٠	feet	-	d 🗆 Estimated Datum
Drilling F	Fluid Use	ed	None		Drilling Method Hollow-Stem Auger
Drilling Contract	or Cle	an Berk	shires, Inc.		DrillerGeorgeHelperButch
Prepared By		Lagarge	<b>&gt;</b>	· · · · · · · · · · · · · · · · · · ·	Hammer Hammer Weight 140# Drop 30 inches
Sample/C (feet below ) From	ore Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLEID	Sample/Core Description
0	2	1.2	9-12-13-25	P2Y230002	Cored through 7" of concrete. Fill - SAND (60%) brown to
					stained black, coarse to fine; Coal (30%) black, charred;
	_	<u> </u>			Gravel (10%) small, subrounded.
2	4	0.6	19-24-15-11	P2Y230204	Fill - SAND (80%) brown to stained black, medium-grain; Gravel
					(15%) small to large, angular to subrounded; Coal (5%) black,
					charred.
4	6	1.2	7-7-5-8	PZY230406	Fill - SAND (85%) medium-brown, fine; Coal (5%) black, charred;
ļ	ļ		<u> </u>		Gravel (10%) small, subrounded.
6	8	1.4	10-15-14-13	P2Y230608	Fill - SAND (80%) medium-brown, fine to medium; Gravel (20%)
					small to medium, subangular to subrounded.
8	10	0.9	15-19-21-9	P2Y230810	Fill - Same as above with trace of coal.
10	12	2.0	10-7-5-7	P2Y231012	Fill - SAND (80%) medium-brown to red-brown, coarse to fine;
					Gravel (20%) small to medium, angular to subrounded.
12	14	2.0	4-5-8-18	P2Y231214	Fill/Natural Interface: SAND (80%) medium-brown, very fine;
					Natural Silt (10%) at approximately 13 feet with trace organic
					roots; Gravel (10%) base of spoon, small, subrounded, moist.
	ļ 				Bottom of fill = 13 feet



Boring/We	(I)	1-24	Project/No	AY05311	Page1_of1
			2 Scrap Yard		Drilling 6-24-91 Drilling 6-24-91 Completed
			12feet		Type of Sample/ split spoon  inches Coring Device
Length and of Coring	d Diam Device	neter ——	2' x 2"		Sampling Intervalfeet
Land-Surfa	ice Ele	v	feet	☐ Surveyed	☐ Estimated Datum
Drilling Flu	iid Use	ed	None		Drilling Method Hollow-Stem Auger
Drilling Contractor	C	lean Be	rkshires, Inc	<u>.                                    </u>	Driller George Helper Butch
Prepared By		. LaBar	ge		Hammer Hammer Weight 140# Drop 30 inches
Sample/Core (feet below land	Depth		Time/Hydraulic Pressure or	SAMPLEID	Sample/Core Description
0	2	0.4	6-9-6-8	P2Y240002	Fill - SAND (80%) brown to black, coarse to fine, loose; Gravel
					(20%) small to large, rounded.
2	4	0.7	9-7-16-19	P2Y240204	Fill - SAND (50%) brown to black, coarse to fine, loose; Gravel
					(50%) small to large, subrounded.
4	6	0.5	19-11-15-	D P2Y240406	Fill - Same as above.
6	8	1.2	14-9-6-9	P2Y240608	Fill as above to approximately 7 feet (50%); Change to Sand
					(30%) olive-green, compact, fine, tight, moist with gravel (20%)
					small, rounded. Orange staining (oxidation in sand).
8	10	1.3	8-8-12-10	P2Y240810	Sand (80%) olive-brown to brown, fine, well-sorted at top, to
					coarse to fine, poorly sorted at base; Gravel (20%) small to
					rounded.
10	12	2.0	24-14-11-1	P2Y241012	Sand (100%) brown to gray, coarse to medium, well-sorted, dry,
					loose.
					Bottom of fill = 7 feet



Boring/We	۱) ا	-26	Pr	oject/No.	AY05311					P	ane	1	of	1
Site Location _	GF			Scrap Yard			Drilling Started_	6-21-		Drillin	ng pleted	6.21.0		
Total Dept					Hole Diameter	12	inches	Ty ₁ s Co	pe of Samp oring Device	ole/ e	Split	Spoon		
Length an of Coring	id Diar Device	neter	Z	?' x 2"					Sampling	Interva	a)			feet
Land-Surfa	ace Ele	∋v		feet	☐ Surveyed	; [	☐ Estimate	ed	Datum	···········				
Drilling Flu	aid Usa	ed	No	ne					Drilling Me	ethod_	Hollo	w-Stem	Auge	<u></u>
Drilling Contractor	. cı	ean Be	rksh	ires, Inc.	•			Driller_	George		Helper	Butcl	h	
Prepared By	Α.	LaBar	ge						Hammer Weight	140#	Harr Drop	mer 3	0	_inches
Sample/Con (lest below lan	e Depth d surface	) Core Recovi	ery	Time/Hydraulk Pressure or Blows per 8 inches	SAMPLEID			Sample/0	Core Description	n				
0	2	0.3		3-3-5-6	P2Y260002	Fill •	SAND (80%)	) mediu	m-brown, co	oarse t	o fine;	Grave	l (20	)%)
						small t	o medium,	subrou	inded to roo	unded.				
2	4	0.3		1-8-9-10	P2Y260204	Fill -	SAND (80%)	) brown	to black,	coarse	to fir	ne; Gra	vel (	(20%)
						small,	subrounded	i.						
4	6	2.0		12-11-9-13	P2Y260406	Fill/Na	tural inte	erface:	SAND (95%)	) very	fine, m	nedium-l	brown	ı, dry,
			_			compact	, well-so	rted; G	iravel (5%)	small,	rounde	ed. No	root	s,
		ļ 	-			appears	laminated	<del>1</del> .						
6	8	1.7	_	5-8-10-10	P2Y260608	Natural	Sand (90)	t) very	-fine, med	ium-bro	wn, tig	ht, co	mpact	:,
 						well-so	orted; Grav	vel (10	%) in thin	layers	, very	small.	Sar	vd .
						appears	laminated	d, no r	oots, dry	to mois	it.			
8	10	1.9	$\downarrow$	5-5-6-10	P2Y260810	Sand (9	75%) very 1	fine, m	edium-brow	n, wet,	сопрас	t, tig	ht,	
						well-so	orted with	trace	organics, a	roots;	Gravel	(5%) v	ery s	imell,
		ļ	_			rounded	<b>).</b>							
				·		Bottom	of Fill =	Approx	imately 6	feet	<del></del>			
		<u> </u>	_					<del></del>				<del></del>		
	·							· · · · · · · · · · · · · · · · · · ·						
			[											
		]												



Boring/V	Vell Y	-27	Project/No.	AY05311	Page 1 of 1
Site Location	GF		2 Scrap Yard		Drilling 6-24-91 Drilling 6-24-91 Started Completed
			6 feet		Type of Sample/
					d
Drilling F	Fluid Use	ed	None		Drilling Method Hollow-Stem Auger
Drilling Contract	or CL	ean Ber	rkshires, Inc.		Driller George Helper Butch
Prepared By	d ,	LaBarg	)e		Hammer Hammer Weight 140# Drop 30 inches
Sample/C (feet below I	ore Depth land surface)	Core Recover (feet)	Time/Hydraulk Pressure or y Blows per 6 inches	SAMPLEID	Sample/Core Description
0	2	1.2	5-7-7-6	P2Y270002	Fill/Natural Interface: SAND (80%) light-brown, coarse to fine,
					loose at top, to Natural, olive-brown, fine, tight at base;
					Gravel (20%) small to medium, rounded.
2	4	1.3	4-6-6-8	P2Y270204	SAND (100%) olive-brown, very fine to fine, tight, trace
					organics, orange/brown mottling; trace small rounded gravel,
					roots.
4	6	1.4	6-8-7-7	P2Y270406	SAND (70%) coarse-medium, brown, gray, dry, loose; Gravel (30%)
					small, rounded.
					Bottom of Fill = 1.5 feet
		- <del></del>			



Boring/V	Vell	E <b>S</b> 2-1	_Project/No	AY05302			Page	<b>1</b> of	2
	GE		sfield, Area 2		Drilling Started	1-16-91	-	1-17-91	
	'			Hole Diameter_	10 inches	Type of San Coring Devi	nple/ <b>spl</b>	it-spoon	
Length a of Coring	and Diam g Device	neter ——	2' x 2"			Sampling	g Interval	2	teet
				<b>☐</b> *Surveyed	☐ Estimated	Datum	USGS 1929		
	Fluid Use	ed	Water			Drilling N	/lethodHo	llow-stem aug	ger
Drilling Contract	or	lean B	erkshires, Inc.		Dri	ller <u>Ed</u>	Helpe	George/i	Ron
Prepared By		LaBa	rge			Hammer Weight _	140# Han Dro	nmer p	nches
Sample/C	ore Depth and surface) To	Core Recove (feet)	ry Blows per 6	SAMPLE ID	Ser	nple/Core Descriptl	on		
0	2	1.0	30-20-16-	P20180002	SAND (40%) light	brown, medium	, dry; Glass s	hards (20%) b	olack,
					large fragments;	Gravel (40%)	fine to coarse	, subangular	to
					subrounded.				
2	4	1.0	9-6-12-14	P20180204	SAND (70%) gray-b	rоwn, fine to	medium, dry;	Gravel (20%)	med i um
					to coarse, rounded	d; Glass sher	ds (10%) black	• 	
4	6	1.0	5-6-6-6	P201B0406	SAND (95%) gray-b	rown, fine, d	ry; Gravel (5%	) fine, angul	ar to
					subrounded, sorte	<b>i.</b>			
6	8	1.1	7-5-4-4	P201B0608	SAND (90%) gray-b	rown to brown	, fine, slight	ly moist at b	ottom;
					Gravel (10%) fine	to medium, s	ubangular.		
8	10	1.0	13-5-5-12	P20180810	SAND (90%) gray-b	rown to dark-l	brown, fine to	medium, mois	t;
					Gravel (5%) fine,	subrounded.			
10	12	1.2	4-3-2-2	P20181012	SAND (90%) gray-bi	rown to brown	, stained black	c at base, od	lor,
					moist with oil at	base; Coal (	5%) black and (	orange; Grave	l (5%)
	į				medium, angular.				
12	14	2.0	4-3-4-9	P201B1214	SAND (95%) stained	black, fine	to coarse, sai	turated with	oil,
	<u> </u>				odor; Gravel (5%)	fine, angular	Γ.		
14	16	0.5	10-6-8-10	P201B1416	SAND (50%) stained	iblack, fine,	, saturated wit	th oil; Grave	L (50%
					stained black, fir	ne to medium,	rounded, odor.		
16	18	0.3	6-5-5-9	P20181618	Same as above.			- <u></u>	



Boring/M	/ell	E25-1			Page
Prepared	d By	A. LaBar	ge		
Sample/Co	and auriace)	Recovery	Time/Hydraulic Pressure or Blows per 6		
From	To	(feet)	inches	SAMPLE ID	Sample/Core Description
18	20	0.8	5-9-11-8	P20181820	GRAVEL (80%) coarse, angular: Sand (20%) stained black,
	-				coarse, saturated with oil, odor.
20	22	0.7	8-16-24-8	P201B2022	Coarse sand/grayet mixture (80%) top of spoon, saturated
					with oil, stained black, subrounded, well-sorted; Sand (20%)
					olive-gray, fine, at base of spoon.
22	24	0.7	7-11-15-16	P201B2224	Sand (100%) olive-gray, fine.
24	26	0.6	2-2-3-2	P201B2426	Sand/Gravel mixture (190%) olive-gray, coarse, wet.
26	28	0.7	6-7-6-5	P201B2628	SAND (70%) olive-gray, fine, met; Gravel (30%) medium,
					rounded, well sorted
28	30	2.0	3-3-2-2	P20182830	Sand (40%) olive-gray, coarse, wet; GRAVEL (60%) medium to
			-	<del></del>	coarse, rounded, moderately sorted.
30	32	0.6	3-3-6-9	P20183032	SAND (90%) olive-gray, fine, wet; Gravel (10%) fine,
<u></u>					_rounded, well-sorted.
32	34	2.0	4-3-6-5	P20183234	Same as above, coarser sand at base.
					DTH = 13 feet
				<del></del>	Augered to 35 feet
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Boring/Well	E	\$2-2 P	oject/No	AY05302			Pag	e1	_of <b>2</b>
	GE	Pittsfie	eld, Area 2		Drilling Started	1-14-91	Drilling _ Comple	eted1-	15-91
			feet l		10 inches	Type of Sam Coring Device	iple/ ce	Split-spo	on
Length and of Coring [	l Diam Device	eter	2' x 2" Spl	it-spoon		Sampling	Interval .	2	feet
				-	□ Estimated		USGS 192	9	
Drilling Flui	d Use	d	later			Drilling M	lethod	Hollow-s	tem auger
Drilling Contractor	Cl	ean Berks	shires, Inc.		Dr	iller Ed	н	elper	eorge/Ron
Prepared By	۸.	LaBarge				Hammer Weight	140#	Hammer Drop	
Sample/Core (feet below land From	Depth surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sa	mple/Core Descriptio	wn		
0	2	1.8	50-39-34-1	P202B0002	SAND (60%) medium	-brown, medium	to fine,	dry; Grave	el (40%)
					medium to coarse,	angular to su	brounded.		
2	4	2.0	14-9-8-10	P20280204	SAND (50%) black-	brown, coarse,	wet; Gra	vel (50%) s	stained black
					coarse, odor.				
4	6	1.7	8-7-4-3	PZ0280406	GRAVEL (60%) stai	ned black, coa	rse, odor	; \$end (30)	() stained
					black, medium, we	t with oil.			
6	8	0.7	3-8-19-15	P202B0608	Poor recovery: S	AND (60%) as a	bove; Grav	vel (40%) z	as above,
					stained black, od	or.			; ;
8	10	1.1	6-21-60	P20280810	SAND (90%) black,	coarse, satur	ated with	oil; Grave	et (10%)
					medium, stained b	lack, odor.			:
10	12	1.2	4-24-20-11	P20281012	SAND (50%), coars	e; Gravel (50%	), saturat	ed with oi	l
12	14	1.0	5-12-10-10	P20281214	SAND (50%), coarse	e; Gravel (50%	) coerse,	subrounded	i, saturated
					with oil, stained	black, odor.		<del></del>	
14	16	1.0	10-10-2-3	P202B1416	Top 6-inches SAND	(50%) coarse;	Gravel (5	0%), as ab	ove,
					saturated with oil	l, stained bla	ck; Botton	6-inches	Sand (100%)
					fine to medium, ga	ray-brown, wet	•		
16	18	1.8	3-6-7-9	P20281618	SAND (100%) gray-b	prown, fine to	medium, w	iet	
18	20	1.1	6-4-3-5	P202B1820	SAND (100%) gray-b	orown, very fi	ne to fine	, odor, we	t.
20	22	2.0	4-7-11-11	P202B2022	SAND (100%) gray-t	prown, very fil	ne to fine	, wet.	
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Boring/V	Vell	\$2-2			Page
Prepare	d By	. LaBarg	e		
Sample/C (feet below ! From	iore Depth land surface) To	Core Recovery (leat)	Time/Hydraulic Pressure or Blows per 6 Inches	SAMPLE 1D	Sample/Cora Description
22	24	1.2	7-11-11-10	P20282224	SAND (60%) gray, coarse, wet; Silt (40%), grey, wet.
24	26	1.2	8-11-3-8	P202B2426	SAND (50%) gray-brown, coarse, wet; Gravel (50%) coarse,
					rounded, well-sorted, wet.
26	28	2.0	4-5-3-4	P20282628	SAND (70%) gray-brown, fine to very coarse, wet; Gravel
					(30%) very coarse, rounded, wet.
28	30	2.0	3-5-10-10	P202B2830	Same as above.
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BoringM	E Vell	s2-3	Project/No	AY05302			Page	1	of2
	GE		tsfield - Area		Drilling Started	1-21-91	<b>—</b> 101		
Total De	pth Drille	d	<b>28</b> feet	Hole Diameter	10 inches	Type of Sam Coring Devi	nple/ spl ce	it-spoon	
Length a of Coring	and Diam g Device	neter	2' x 2"			Sampling	g Interval	2	feet
				<b>_</b> *Surveyed	☐ Estimated	Datum_	USGS 1929		
Drilling F	Fluid Use	ed	Vater			Drilling M	1ethodHo	llow-sten	n auger
Drilling Contract	orcı	ean B	erkshires, Inc.		D	rillerEd			ge/Chris
Prepared By		LaBa	rge			Hammer Weight		op3	30inches
	ore Depth land surface)	Core Recove (feet)	ry Blows per 6	SAMPLEID	Sa	ample/Core Description			
0	2	1.0	4-6-5-10	P203B0002	SAND (70%) light-b	orown, medium,	dry; Gravel	(25%) fir	ne to coars
					subrounded to ans	gular; Rock fr	agments (5%)	broken, ε	engular,
			ms .		pink and white sam	ndstone.			
2	4	1.2	8-6-4-3	P203B0204	SAND (70%) light-i	prown to red-b	rown, fine to	medium,	dry; Grave
					(15%) fine to coar	rse, subrounder	d to subangul:	ar; Coal	(15%) blact
					burnt, crushed.				***************************************
4	6	0.9	3-27-57-41	P203B0406	SAND (80%) medium-	brown, medium	, dry, staine	d black a	it base;
				<u> </u>	Metal scraps (10%)	stained, rus	ted; Gravel (	10%) fine	to coarse
					rounded to subrour	nded.			
6	8	0.2	60 (R)	P203B0608	SAND (90%) stained	i black, medius	n; Metal scrap	ps (10%)	stained,
ļ		 			rusted; Refusal at	6.5 feet, aug	gered to 8 fee	et; trace	coal.
8	10	0.5	28-27-15-1	P203B0810	SAND (90%) black t	o brown, mediu	um, moist; Co	al (5%) b	lack, burnt
					crushed; Gravel (5	%) fine to cou	erse.		
10	12	1.2	7-6-5-5	P203B1012	SAND (95%) light t	o medium-brown	n, coarse to i	medium, s	lightly
					moist; Gravel (5%)	fine, subangu	ıler.		
12	14	2.0	7-10-11-9	P203B1214	SAND (95%) brown t	o gray, coarse	to meidum, ı	wet; Grav	el (5%)
					fine, subangular	<u></u>			
14	16	0.7	4-2-1-2	P20381416	SAND (70%) medium	to coarse, gra	y, wet; Grave	el (30%)	fine to
					medium, subrounded	l			
16	18	0.6	2-1-2-4	D20381618	Como or above				



Boring/V	Vell	ES2-3				Page2_ of2_
Prepare	d By	A. LaBar	ge	<u></u>		
Sample/C (feet below i	ore Depth land surface)	Core Recovery (feet)	Time/Hydrautic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description	
18_	20	2.0	3-3-5-4	P203B1820	SAND (95%) black, fine to coarse:	Grayel (5%) fine, rounded
					well-sorted, wet, tight at base.	
20	22	1.2	4-3-3-6	P20382022	SAND (100%) brown and black, very	fine to medium, wet.
22	24	1,8	3-2-3-5	P203B2224	SAND (100%) black, medium to coars	e, wet.
24	26	2.0	3-4-8-7	P203B2426	SAND (100%) black, fine at top grad	ding to coarse at base,
					wet, abrupt change to brown, coars	sand at 25.8 feet
26	28	2.0	4-6-6-10	P203B2628	SAHD (100%) brown, very coarse, we	<u>.                                    </u>
28	30	2.0	3-6-8-7	P20382830	SAND (100%) brown and black, very	coarse to medium, wet.
				<del></del>		
					DTV = 13 feet	



Boring/V	Vell	:2-4 F	Project/No	AY05302	Page1 of
Site Location	GE				Drilling 1-11-91 Drilling 1-11-91  Started Completed
					10 Type of Sample/ split-spoon erinches Coring Device
of Corin	and Dian g Device	neter ———	21 x 2"		Sampling Intervalfeet
			.3feet	<b>Ž</b> Surveye	ed
Drilling F	Fluid Use	ed	lone		Drilling MethodHot Low-stem auger
Drilling Contract	tor	an Berke	shires, Inc.		Driller Ed Helper Ron/George
Prepared By		LaBarge			Hammer Hammer Weight 140# Drop 30 inches
	Core Depth land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 Inches	SAMPLEID	Sample/Core Description
					Augered through 4" of asphalt.
0	2	1.2	33-18-9-4	P204B0002	SAND (80%) brown to dark-brown, medium, slight black stain;
					Gravel (20%) fine to coarse, angular to rounded.
2	4	0.2	5-8-9-10	P204B0204	Vermiculite material, COAL (80%) black; Concrete (10%) pink and
					gray; Sand (10%) brown, medium, dry.
4	6	0	3-2-1-7	P204B0406	No Recovery - Went through pipe or unfilled area.
6	8	0.2	18-14-17-5	P204B0608	GRAVEL (80%) fine to medium angular; Sand (20%) dark-brown,
	ļ				medium, dry.
8	10	1.8	2-3-4-4	P204B0810	SAND (90%) light-brown, fine, moist; Gravel (10%) fine, rounded,
					trace brick,
10	12	2.0	3-2-3-3	P204B1012	SAND (95%) light-brown to gray-brown, fine, moist; Gravel (5%)
					fine, rounded.
12	14	2.0	3-2-2-1	P204B1214	SAND (70%) brown to dark-brown, fine to medium, moist; Wood
		 			(30%) decayed, wet, odor.
14	16	0.2	2-5-4-7	P20481416	Poor Recovery: SAND (80%) dark-brown, medium, wet; Organic
					material (20%) bark, tree branches; Large rock in shoe, odor.
16	18	2.0	5-8-12-8	P20481618	SAND (80%) brown to black, very coarse, wet; Gravel (20%) fine
					to coarse, rounded, odor.
18	20	0.2	5-12-11-13	P20481820	Same as above, wet, odor, rock in shoe.



Boring/V	vell	S2-4	•			. (		,	Page_	2	_ of	2
Prepared		l. LaBarg	e									
Sample/Co (leet below li	ore Depth and surface) To	Core Recovery (feet)	Time/Hydrautic Pressure or Blows per 6 inches	SAMPLE ID		Ser	nple/Core De	scription				
20	20	1.7	6-5-5-7	P20482022	SAND (80%)	brown	to black	, very c	oarse, we	t, odor;	Grave	el
<del></del>	<u> </u>				(20%) fine			· · ·	<del></del> ;	<del> </del>		
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Boring/M	€ Ve(i	\$2·5	Project/No	AY05302	Page1
					Drilling 1-18-91 Drilling 1-18-91 Started Completed
					10 Type of Sample/ split-spooninches Coring Device
Length a of Coring	and Diam g Device	neter	2' x 2"		Sampling Intervalfeet
Land-Şui	rface Ele	v99	0.8 feet	☐ Surveyed	Estimated Datum usgs 1929
Drilling F	Fluid Use	ed	None		Drilling Method Hollow-stem auger
Drilling Contract					Driller Ed Helper George/Chris
Prepared By	J A.	LaBarg	e		Hammer Hammer 30 inches
Sample/C	ore Depth and surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLEID	Sample/Core Description
					Augered through 3" asphalt.
0	2	0.3	38-33-15-13	P205B0002	SAND (80%) dark-brown to medium-brown, fine to medium, dry;
					Gravet (20%) fine, subrounded.
2	4	1.2	8-8-7-10	P205B0204	SAND (75%) light-brown to dark-brown, fine to medium, stained
					black at 3 feet, dry; Coal (15%) black; Gravel (10%) medium
					rounded; Trace glass.
4	6	1.3	7-10-5-6	P20580406	SAND (75%) brown to stained black, medium, slightly moist; Coal
					(10%) black; Gravel (10%) medium, rounded; Rock fragments (5%)
					white, crushed, sandstone.
6	8	1.8	7-7-4-7	P205B0608	SAND (90%) stained black, mottled orange, medium; Gravel (10%)
	<u> </u>				fine to medium, subrounded; Trace glass, slightly moist to dry.
8	10	2.0	6-12-11-6	P205B0810	SAND (80%) stained black, medium, dry; 2-inch red coarse sand
					layer at ~ 9 feet; Gravel (15%) fine to coarse, rounded to
					subangular; Brick (5%) broken.
10	12	1.3	6-5-4-5	P20581012	SAND (95%) stained black, medium, to ~ 11 feet; brown, fine to
	ļ 				medium from 11 feet, dry to slightly moist; Gravel (5%) fine,
12	14	1.1	3-3-11-11	P20581214	SAND (85%) brown, fine, moist to wet, change to coarse red-brown
		}			sand at base of spoon (15%).
1					



Boring/WellES2-5	Page	2	_ of	2	
Propagad Ry. A.LaBarge					

Sample/Core Depth (feet below land surface)		Core Recovery			
From	То	(feet)	inches	SAMPLE ID	Sample/Core Description
14	16	0.2	10-9-8-8	P205B1416	SAND (95%) stained-black, medium, moist to wet; Gravel (5%)
		 			fine, subrounded, trace crushed brick.
16	18	1.4	6-7-6-7	P205B1618	SAND (95%) medium-brown, fine, wet; Trace very fine gravel,
					rounded.
18	20	1.0	4-2-8-8	P205B1820	SAND (80%) gray-brown, fine to medium, odor, wet
}					Gravel (20%) coarse, rounded. Very thin fluid type oil.
20	22	1.6	11-8-8-15	PZ0582022	Coarse Sand/Gravel Mixture (100%) saturated, oily sheen,
		· 			odor, poorly-sorted gravel, coarse to fine, rounded.
22	24	1.7	6-6-6-11	P205B2224	Same as above, saturated, oily sheen.
24	26	2.0	12-7-8-8	P205B2426	Coarse Sand/Gravel Mixture (20%) - top 3-inches; SAND (70%)
					olive-brown, very-fine, wet, oily sheen, odor.
26	28	1.7	7-6-9-7	P205B2628	SAND (100%) dlive-brown, very fine, wet.
28	30	1.5	8-13-15-14	P205B2830	Abrupt change to very coarse sand/gravel mixture,
	<u> </u>	 			subangular to rounded gravel, fine to coarse.



Boring/	Well	52-6 F	Project/No	AY05302			Page	1 of_	3
Site Location	GE	Pittsfi	eid, Area 2,	64X	Drilling 1-	-10-91	Drilling Completed .	1-10-91	
				Hole Diamete	12-14 rinches	Type of Samp Coring Device	le/ split-	spoon	
Length of Corir	and Diam ng Device	neter ———	21 x 2H			Sampling I	Interval2		feet
Land-Si	urface Ele	v <b>986</b>	.3feet	🛎 Surveya	d 🗆 Estimated	Datum_ use	GS 1929		
Drilling	Fluid Use	ed	0-36" None; 3	6-50' Water		Drilling Me	thod6_1/4	" Hollow-	stem auge
Drilling Contract	ctor	oire Soi	ls Investigat	ions, Inc.	Dri	llerT. Farre	ιι Heiper.	Dave/St	ew
Prepare By	ed s.	Beames					40# Ham Drop		
	Core Depth r land surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLEID	San	nple/Core Description			
0	2	2.0	42-45-46-21	P20680002	FILL; GRAVEL (85%) E	orown, subanguli	ar-subrounded	; Sand (1	5%)
					brown, coarse to med	dium, frozen, dr	ry.		
2	4	1.2	12-9-9-8	P206B0204	FILL; CINDERS (95%),	, black to brown	n, medium to	fine, cru	shed;
					Sand (5%) brown, coa	arse to medium;	dry to damp.		
4	6	1.0	5-5-4-4	P206B0406	FILL; SAND (80%) bro	own to green, me	edium; Gravet	(15%) me	dium to
					fine, subangular, po	porty sorted wit	th sand; Cind	ers (5%)	brown
ļ 					to black, medium to	fine, crushed,	damp.		
6	8	0.3	3-3-2-3	P206B0608	Same as above.				
8	10	1.2	3-3-3-2	P20260810	FILL; SAND (80%) gra	y to brown, coa	ırse to medium	m; Grevel	(15%)
					fine, poorly sorted	with sand; trac	e silt and c	inders; b	ottom
					3" sand (5%), coarse	to medium, wel	l sorted, lo	ose, damp	to
					moist, slight odor.	*L	<u>-</u>		ś
10	12	1.8	3-4-4-5	P206B1012	FILL; SAND (95%) gre	y to brown, coa	irse to medium	n; Gravel	(5%)
					medium to fine, poor	ly sorted with	sand, loose;	trace fil	brous
					material stained bla	ock, trace fine	sand, stained	i black,	odor,
					moist to wet.				
12	14	2.0	4-4-6-2	P20681214	SAND (60%) stained b	olack, coarse to	medium, well	sorted,	
					loose; Gravel (40%)	fine, angular,	coated black,	, trace m	edium
					gravel, well sorted,	odor, wet.		· · · · · · · · · · · · · · · · · · ·	
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Boring/V		s2-6		raini EE/C	Page	<b>3</b> _ of
Prepare	s	. Beames				
riepaie	о Бу	,				
Sample/C (feet below I	ore Depth land surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6			
From	To	(feet)	inches	SAMPLE ID	Sample/Core Description	
14	16	1.5	14-9-4-4	P20681416	GRAVEL (80%) coated black, medium to fine, subangu	ilar,
					subrounded; Sand (10%) gray with some stained blad	k; coarse
					to fine; Silt (10%) gray with some stained black;	poorly
					sorted, tight, odor, wet.	
16	18	1.2	4-5-9-8	P20681618	Same as above.	
18	20	1.0	10-11-12-14	P20681820	Same as above.	
20	22	1.2	15-15-20-35	P20682022	GRAVEL (80%) coarse to fine, subrounded to subang	gular; Sand
					(15%) green to brown, coarse to fine, trace stains	ed black;
					Silt (5%) green to brown, poorly sorted, clean, ж	et,
					saturated.	
22	24	1.5	14-10-10-7	P20682224	GRAVEL (80%) same as above; Sand (15%) green, broad	en and
					orange with mica; Silt (5%) same as above, poorly	sorted,
					wet, saturated.	
24	26	1.2	7-9-12-16	P20682426	Same as above (50%), Sand (50%) brown to gray, con	arse to
					medium, clean, upper section, wet, saturated.	
26	28	1.0	9-10-18-18	P206B2628	SAND (95%) gray to brown, coarse to medium, well:	sorted,
					loose; Bottom section sand and silt (5%) green to	gray,
					fine, trace coarse gravel, tight, wet, saturated.	
28	30	1.5	12-17-21-25	P20682830	SAND and GRAVEL (100%) brown to gray, coarse to f	ine sand,
					fine gravel, poorly sorted, trace medium gravel -	angular,
					wet.	
30	32	2.0	9-17-21-30	P20683032	SAND and GRAVEL (70%), same as above; Sand (30%)	comrse to
					medium, clean, wet.	



Es2-6 Boring/Well	•	Pagec	3 f
S. Beanes Prepared By			

	Core Depth land surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 6		
From	To	(leet)	inches	SAMPLE ID	Sample/Core Description
32	34	1.5	8-9-10-14	P206B3234	SAND and GRAVEL (100%) coarse to medium, coarser with depth,
					well sorted, wet to saturated, odor.
34	36	1.3	10-15-17-36	P20 <del>6</del> B3436	GRAVEL (50%) coarse to fine, subangular to subrounded; Sand
					(40%) gray to brown, coarse to fine, little stained black;
					Silt (10%) green to gray, trace stained black.
36	38	1.0	9-9-10-12	P20683638	SAND (85%) gray to brown, coarse to fine; Gravel (15%)
_					coarse to medium, subangular to subround, poorly sorted,
					trace clean sands, trace silt, odor, wet to saturated.
38	40	1.0	12-10-10-12	P20683840	Same as above.
40	42	1.2	8-11-7-7	P2068404Z	SAND (50%) gray to brown, medium to fine; Gravel (25%)
		L			coarse to fine, subangular to subround; \$ilt (25%) green to
					gray to brown, poorly sorted, odor, slight sheen, wet to
1					saturated.
42	44	1.0	9-10-47-52	P20684244	SILT (50%) green to brown; Sand (25%) brown to gray, medium
					to fine; Gravel (25%) medium, subangular to subround
					(Till), free product (brown), odor, wet.
44	46	0.0	100/oil	P20684446	Till as above - oily sheen on spoon.
46	48	0.8	82-100/0.3	P20684648	Till; SAND and GRAVEL (80%) brown, coarse to medium; Silt
					(20%), brown.
48	50	0.8	70-91-58-65	P20684850	Till; SAND (50%) brown, medium to fine; Gravel (35%) coarse
					to fine, subangular to subround, \$ilt (15%) brown, poorly
					sorted, tight and dense, stained, odor, moist to wet.



Boring/V	Vell	2-7 F	Project/No	AY05302	Page
Site Location	GE	Pittsfi	eld-Area Z		Drilling 1-16-91 Drilling 1-17-91 Started Completed
				Hole Diamete	Type of Sample/ split-spoon erinches Coring Device
of Corin	and Dian g Device	neter 	2' x 2"		Sampling Intervalteet
Land-Su	rface Ele		4feet	•	ed 🗆 Estimated Datum uses 1929
	Fluid Use	ed	-22' None/22-	-43' Water	Drilling Method 6 1/4" Hollow-stem auge
Drilling Contract		ire Soil	s investigati	ions, Inc.	DrillerT. FarrellHelper_Dave/Stew
Prepare By		Beames			Hammer Hammer 30 inches
Sample/0 (feet below From	core Depth land surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 8 inches	SAMPLEID	Sample/Core Description
0	2	2.0	48-38-22-22	P20780002	GRAVEL FILL (95%) angular to subround; Sand (5%) brown, coarse
					to fine, poorly sorted, moist.
2	4	2.0	12-10-9-9	P207B0204	FILL - Rock fragments (90%) grey to black, weathered,
					schist/phyllite; Sand (10%) brown to gray to black, coarse to
ļ ————————————————————————————————————					fine, poorly sorted, moist.
4	6	2.0	7-7-3-3	P207B0406	FILL - Same as above for 1', then sand, black, stained, medium
					to fine; green sludge; wood; trace gravel; trace silt, odor,
				ļ	sheen, wet.
6	8	1.6	2-2-2-2	P207B0608	FILL- Same as lower 1' above, odor, wet to saturated.
8	10	1.6	2-2-2-7	P207B0810	FILL - Sand (90%) stained black to brown green, medium to fine
					- free cil, some almost grease-like, mica plates, wet to
					saturated.
10	12	1.5	5-8-8-8	P207B1012	SAND (50%) brown, coarse to fine; Gravel (50%) medium to fine,
					moderately sorted, clean, poorly sorted, some stained black,
		<u></u>			odor, sheen, wet to saturated.
12	14	1.8	7-8-9-7	P207B1214	SAND (90%) brown-gray, medium to fine, loose; Gravel (10%) fine,
					trace medium, odor, wet to saturated.
14	16	2.0	3-4-4-6	P207B1416	SAND and Silty CLAY (190%) brown, medium to fine sand, gray,
					clay, laminated, plastic, wet.
		}			



Boring/Well		2-7			Pageof
Prepared		Beames			
Sample/Cor (feet below lar From		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description
16	18	2.0	4-3-7-8	P207B1618	Same as above - trace fine gravel, trace laminated coarse
					sand; 2" clean, brown, coarse to medium sand in base of
		<u> </u>			spoon,
18	20	1.6	2-3-3-5	P20781820	SAND (90%) brown, coarse to medium; Gravel (20%) medium to
					fine, poorly sorted, loose; Silt and Clay (10%) gray, trace
					black stains, odor, slight sheen.
20	22	1.6	3-5-6-8	P20782022	SAND (100%) brown to gray, coarse to fine, poorly sorted;
					trace fine gravel, slight sheen, wet to saturated.
22	24	1.0	7-6-8-5	P207B2224	Same as above.
24	26	1.5	7-9-9-9	P207B2426	SAND (90%) brown to gray, coarse to medium, loose, clean;
					Gravel (10%) fine, subangular to subrounded, well sorted,
					wet to saturated.
26	28	1.0	17-19-28-36	P207B2628	SAND and GRAVEL (100%) gray to brown, coarse to fine sand,
			Ī		medium to fine gravel, subangular to subrounded,(loose till)
	<b>"</b>				outwash sand deposits top $6^{\rm M}$ , wet.
28	30	1.2	18-21-22-19	P207B2830	Same as above.
30	32	1.5	18-24-28-32	P20783032	SAND (90%) gray to brown, fine; trace silt, breakable;
					Gravel (10%) medium to fine, wet.
32	34	1.0	14-20-30-13	P20783234	SAND and GRAVEL (100%) (loose till) brown, coarse to fine
					sand; medium to fine gravel, poorly sorted, compact, moist
					to wet.



Boring/V	Vell	\$2-7			Page3 of3					
Prepare	d Bys	. Beames								
Sample/C (feet below   From	ore Depth land surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	D Sample/Core Description					
34	36	1.2	12-25-24-28	P207B3436	GRAVEL (80%) coarse to fine, fragmented, subround to angular					
					Sand (20%) brown, coarse to fine, poorly sorted, trace					
		<u></u>			sheen, moist to wet.					
36	38	0.8	52-100/.03	P207B363B	SAND and GRAVEL (100%) (till) brown, coarse to fine sand,					
				- · · · · · · · · · · · · · · · · · · ·	coarse to fine gravel, round to subround, wet.					
38	40	1.8	42-44-48-65	P207B3840	SAND (80%) brown, coarse to fine; Gravel (15%) fine, angular					
		_			to subangular; Sand (5%) medium to fine, lenses and					
	!				and laminations occuring in upper 1.0' of sample; (till)					
					poorly sorted, tight, compact, dense, dry to moist lower					
ļ 		,			section; semi-tight, damp to moist especially moist in					
					lenses, in upper section.					
40	42	1.5	42-58-59-50	P207B4042	Same as above.					
ļ <u> </u>										
				<u>-</u>	· · · · · · · · · · · · · · · · · · ·					



Boring/We	RF-	·1	Project/No	AY05602	Page 1 2
Site Location _	GE, I	ittsfie	ld, ROGEF		-Drilling 10-23-91 Drilling 10-23-91 Started Completed
Total Dept	h Drille	ed18	feet	Hole Diamete	10 Type of Sample/ split-spoon erinches Coring Device
Length an of Coring	Device	neter ;	2'x2"		Sampling Intervalfeet
Land-Surfa	ace Ele	<u>.</u>	feet	☐ Survey	red   Estimated   Datum
Orilling Flu	uid Use	ed	one		Drilling Method_Hollow-Stem Auger
Drilling Contractor	Cle	n Berks	hires, Inc.		Driller E. Cotes Helper G. Rusteneyer
Prepared By	A. I	LaBarge	· · · · · · · · · · · · · · · · · · ·	·	Hammer Hammer 30 inches
Sample/Con (feet below lan		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLEID	Sample/Core Description
0	2	1.3	3-5-8-13	PG0180002	SAND (85%) red-brown to grey-brown, fine to coarse, dry, loose;
					Gravel (15%) fine to coarse; subangular to subrounded.
2	4	1.0	13-15-45-60	PG01B0204	SAND (70%) dark brown to black, coarse, dry to moist;
	<u> </u>				Gravel (15%) fine to medium, subangular; Coal (10%) at base of
					spoon; Brick (5%) red.
4	6	0.3	17-6-3-2	PG0180406	SAND (85%) dark brown to black, medium, dry, loose; Gravel
					(10%) fine, subangular; Coal (5%) charred; trace brick, wood.
6	8	0.3	5-3-9-9	PG01B0608	COAL (100%) scoriaceous coal slag, charred; no soil recovery,
					no sample submitted; trace wood.
8	10	0.5	4-3-2-3	PG01B0810	SAND (95%) grey to olive-brown, coarse, moist; Gravel (5%)
					fine, subrounded; trace coal, wood.
10	12	0.4	10-11-3-4	PG01B1012	SAND (30%) dark brown, medium, moist; Wood (30%) fill;
					Coal (30%) black to grey; Gravel (10%) fine, subangular.
12	14	0.3	4-5-3-4	PG0181214	SAND (80%) grey-brown to olive, coarse, moist to wet;
					Wood (10%) fill; Gravel (10%) fine, subangular to subrounded.
14	16	0.8	6-2-1-1	PG0181416	SAND (60%) brown and grey, coarse, wet; Wood (40%) fill.
					Bottom of fill = 16 ft. Spoon dropped 1.5' in 4 blows, went
			<u></u>		through wood fill.
			ļ		
			1		



Boring/V		tF-1	•	DAM EE/C	one coa (conta)	2 2 Page of
Ū	A	. LaBarge	<b>:</b>			
Prepare	d By					
Sample/C (lest below	ore Depth land surface)	Core Recovery	Time/Hydraulic Pressure or Blows per 5	SAMPLE ID		
From	То	(feet)	inches	301F CC 1D	Sample/Core Description	
16	18	2.0	2-1-3-4	PG01B1618	SAND (85%) very coarse, brown and g	grey, wet; Gravel (15%)
					fine to medium, subrounded to round	ded; no fill material.
18	20	2.0	4-5-6-7	PG01B1820	Same as above, with roots.	
	ļ 	\ \\				<del> </del>
					Bottom of Boring = 20 ft	
					Depth to Water = 10 ft	
					Bottom of Fill = 16 ft	
	}					
<del>}</del>	<del> </del>		<del></del>			
					·	
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			·			
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						<del></del>



			Project/No		Pageof
Site Location	GE, 1	Pittsfiel	d, ROGEF	<del></del>	Drilling 10-22-91 Drilling 10-22-91 Started Completed Completed
				Hole Diamet	10 Type of Sample/ split-spoon erinches Coring Device
of Corin	and Diar g Device	neter :	21x2#		Sampling Intervalfeet
			feet		
	Fluid Use				Drilling Method Hollow-Stem Auger
Drilling Contract	torcle	an Berkst	nires, Inc.		DrillerE. Cotes Helper_G. Rustemeyer
Prepare By	d <b>A.</b> I	LaBarge			Hammer _{140#} Hammer ₃₀ Weight Dropinches
	Core Depth land surface	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLEID	Sample/Core Description
0	2	1.2	3-7-9-44	PG02B0002	SAND (80%) brown to dark-brown, fine to medium, dry; Gravel
					(20%) fine to medium, subangular to subrounded; trace fine,
					grey, silt.
2	4	0.3	45-15-17-14	PG0280204	SAND (85%) dark brown, medium, dry; Gravel (10%) fine,
					subangular; Rock fragments (5%) pink granite.
4	6	1.7	4-5-5-6	PG02B0406	SAND (80%) dark brown to black, medium to coarse, moist; Gravel
		-			(20%) small, subrounded.
6	8	2.0	5-5-6-5	PG02B0608	SAND (95%) brown-grey to olive-drab, coarse, wet; Gravel (5%)
	ļ				fine, subrounded to rounded.
8	10	2.0	3-4-4-5	PG0280810	Same as above.
10	12	1.7	5-5-4-4	PG02B1012	Same as above.
12	14	2.0	4-4-6-9	PG0281214	Same as above; with thin layers of black sand.
14	16	2.0	5-5-3-7	PG02B1416	Same as above.
16	18	2.0	3-3-2-2	PG02B1618	Same as above.
	<u> </u>				Bottom of Boring = 18 ft
	ļ				Depth to Water = 8 ft
	1				



Boring/W	/ellR	F-3	Project/No	AY05602			Page	of	1
Site Location	GE .		eld, ROGEF		Drilling Started	10-24-91	Drilling Completed		
				Hole Diameter	rinches		ple/ split		
Length a of Coring	ind Dian g Device	neter ———	2'x2"			Sampling	Interval2		feet
Land-Sur	face Ele	V	feet	☐ Surveye	d ☐ Estimated	Datum	whater the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state o		
Drilling F	luid Use	ed	None			Drilling M	lethod Holla	ow-Stem Aug	ger
Drilling Contracto	orcl	ean Berk	shires, Inc.		D	riller <u> </u>	Helper	G. Ruste	emeyer
Prepared By	A.	LaBarge				Hammer Weight	140# Ham Drop	nmer 30	_inches
Sample/Co (feet below is From		Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 Inches	SAMPLEID	Se	ample/Core Descriptio	ń		
o	2	1.8	10-21-16-19	PG03B0002	SAND (70%) brown to	o dark brown, n	nedium, dry; Gr	ravel (20%)	) fine
					to medium, subangu	lar to subround	ded, Metal and	Brick fill	l (10%).
2	4	1.6	21-21-25-31	PG0380204	SAND (75%) brown to	o dark brown, m	nedium, stained	d black in	places.
					dry; Gravel (20%)				
	•				Brick (5%) red.				
4	6	1.0	11-7-5-6	PG0380406	SAND (50%) brown to	o black, medium	n to coarse, dr	ry to sligh	itly
					moist; Gravel (10%	) fine to mediu	m, subangular	to subrour	nded;
					Brick (40%) red.				
6	8	1.1	4-3-5-2	PG03B0608	SAND (85%) brown, s	medium, dry to	slightly moist	; Gravel (	(15%)
					fine to medium, sul	brounded.			
8	10	1.0	5-13-7-7	PG03B0810	Same as above, mois	st to wet.			
10	12	9.2	2-4-5-5	PG03B1012	SAND (50%) black,	coarse, wet; Gr	avel (50%) fir	e to mediu	an,
					subrounded.				
12	14	0.2	8-7-6-6		GRAVEL (100%) coars	se, angular, br	oken; no soil	recovery,	no
					sample submitted.				
14	16	0.6	9-8-4-5	PG0381416	SAND (100%) black,	coarse, wet.			
16	18	0.4	5-2-3-4	PG0381618	Same as above.				
18	20	2.0	2-2-2-3	PG03B1820	CLAY (80%) white, i	with abundant s	hell material,	broken ar	rd
 	·				whole; Sand (20%) 1	black, coarse,	wet.		~
	l 				Bottom of Hole = 20	oft De	oth to Water =	9 ft	



Boring/W	veli	-4 P	roiect/No.	AY05602 - R0	GEF		Page_	1	of
Site Location	GE E	Building	41A		Drilling Started	5-28-91	Drilling _ Complete	d	91
				Hole Diameter_	12inches	Type of Samp Coring Device	ole/ sp e	lit Spoon	
Length a of Coring	ind Diarr g Device	neter 	2" x 24"			Sampling	Interval _	2	feet
Land-Sur	face Ele	W	feet	□ Surveyed	☐ Estimated	Datum			
Drilling F	fluid Use	ed	lone		<del></del>	Drilling Me	ethodK	ollow-Stem	Auger
Drilling Contracto	or Cle	ean Berks	hires, Inc.		0	rillerG. Rust	temeyer Help	perB. P	ike
Prepared By	,	Holloway	//S. Bearnes			Hammer Weight	140# H	ammer rop3	inches
Sample/Co (fact below is From	ore Depth		Time/Hydraulic Pressure or Blows per 6 inches			ample/Core Description	1		
0	2	1.0	4-3-2-5	PG04B0002	Fill- SAND (40%)	brown, medium;	SAND (20%)	coarse; G	iravel (20%)
					fine to medium,	angular to round	ded; SAND (	20%) fine;	dry, poor ()
					sorted.				
2	4	0.8	8-7-6-5	PG04B0204	Same as above -	dry.			
4	6	2.0	3-3-5-6	PG04B0406	Same grading to	SAND (100%) bros	m, fine, d	гу.	
6	8	1.8	5-5-5-6	PG04B0608	Sand (100%) fine	, dry.			
8	10	1.5	3-4-6-5	PG04B0810	Same as above.		··-	,	
10	12	1.5	3-6-6-5	PG04B1012	SAND (50%) brown	, fine to coarse	e, poorly s	orted; Gra	vel (50%)
		·			fine rounded to	subangular, poor	ly sorted;	dry.	
12	14	2.0	5-5-5-6	PG04B1214	SAME, interlayer	ed with 100% fir	ne Sand; dry	y layers (	.5'-1.0')
14	16	2.0	4-3-20-26	PG04B1416	SAND (70%) brown	, coarse to fine	e, poorly so	orted, sem	i-loose to
					sorted and very	loose; Gravel (2	25%) fine to	medium,	trace
			<u> </u>		coarse, rounded	to subrounded, p	coorly sorte	ed; wet, t	race
 					saturated; Clay	and Silt (5%) up	oper 5", bro	own, smear	able,
					moist-wet.				
16	18	1.5	4-16-27-1	3 PG04B1618	Same as above.			<u>.                                  </u>	
18	20	1.5	13-14-23-	29 PG04B1820	SAND (70%) as ab	ove; Gravel (30%	() as above	, wet-satu	rated.
20	22	1.0	21-24-12-	18 PG04B2022	SAND (85%) brown	, coarse to medi	ium; Gravel	(15%) fin	e, little
\ \					medium, subround	ed; poorly sorte	d, little	loose, moi	st to
1 1					wet-saturated.				



Boring/We	el)				Page of
Prepared	Ву	. Hollow	ay		
Sample/Cor (feet below las	re Depth nd surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Biows per 6 Inches	SAMPLE ID	Sample/Core Description
22	24	0.7	29-50/0.2	PG04B2224	SAND (85%) as above; Gravel (15%) coarse to medium,
					subrounded to rounded, some fragmented; poorly sorted,
					loose, wet-saturated.
24	26	0.5	19-60/0.2	PG04B2426	SAND (80%) brown, fine to medium; Gravel (15%) fine, some
					coarse to medium, subrounded and fragmented; poorly sorted,
	ļ				moist.
	26				End of Boring
					Water at 15'
				-	
				, <u> </u>	
	•				
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				<del></del>	



Boring/V	VellR	F-16	_ Project/No	AY05602			·		P	age	1	_ of	2
Site Location	GE .			Contractors Gat	e	Drilling Started	10-2	1-91					
				Hole Diameter	10	inches	Ty C	rpe of Sam oring Devic					
Length a of Corin	and Diam g Device	neter	2'x2"					_ Sampling	Interv	al2			feet
Land-Su	rface Ele	!V	feet	☐ Surveyed	3 [	Estimated	i	Datum			<del></del>		
_	Fluid Use	ed	None	<del></del>				Drilling M	ethod_	Hollo	ow-St	em Aug	jer
Drilling Contract	torcl	ean Be	rkshires, Inc.	•			riller,	E. Cote	es	. Helper.	G.	Ruste	meyer
Prepared By	d A.	LaBar	ge					Hammer _Weight		Ham Drop		30	_inches
Sample/0 (feet below From	core Depth land surface) To	Core Recove (feet)	ry Blows per 6	SAMPLEID		s	iample/	'Core Description	n				
0	2	1.0	7-8-12-11	PG16B0002	SAND (6	i5%) brown	to bl	ack, medium	n to co	arse, di	ry, l	oose;	Gravel
					(20%) f	ine to med	ium,	subangular;	Coal	(15%) b	lack	and or	ange,
					crushed	l.							
2	4	1.0	23-13-6-4	PG16B0204	COAL (8	10%) black,	orar	ge, red, ci	rushed	to whole	e, ch	arred;	Sand
					(10%) b	orown, medi	um, d	ry; Gravel	(10%)	fine to	medi	um,	
					subengu	ılar.				<u>.</u>			
4	6	1.0	2-3-2-2	PG16B0406	COAL (7	'0%) black,	oran	ge, crushed	d and w	hole, ch	arre	d; Sar	nd (20%)
					grey to	brown, fi	ne to	medium; di	ry to m	oist.			
6	8	0.6	2-4-4-6	PG1680608	Same as	above, st	ightl	y maist, la	arge su	bengular	pie	ce of	gravel
	ļ Ļ				in shoe	· <u> </u>							
8	10	0.2	7-2-5-4	PG1680810	Same as	above, po	or re	covery, pos	ssibly	spooning	thr	ough v	oid.
10	12	0.9	4-8-6-7	PG16B1012	SAND (6	0%) brown	to gr	ey, medium,	, moist	; Gravel	(30	%) fir	æ,
ļ				<u> </u>	subangu	ilar to ang	ular;	Brick (10)	<pre>K) red,</pre>	crushed	d. Tr	ace co	al.
12	14	1.2	7-6-3-5	PG1681214	SAND (8	10%) brown	to bl	ack, fine t	to coar	se, wet,	Coa	L (15%	) black
		ļ 			and red	i, crushed,	char	red; Gravel	(5%)	fine, ar	ngula	г.	
14	16	1.2	8-13-13-2	2 PG1681416	SAND (5	0%) brown	and b	lack, fine	on top	, to yel	LOH-	brown,	<del>-</del>
					coarse	at base, w	et; G	ravel 950%	) fine	to mediu	JM, 8	ubangu	ilar
		-			to subr	ounded. T	race	coal.					
				1									



Boring/V	RF Vell	-16				2 2 Page of
Prepared	A.	LaBarge				
Sample/Co (feet below a	ore Depth and surface) To	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	SAMPLE ID	Sample/Core Description	
16	18	1.4	12-12-14-24	PG1681618	SAND (75%) yellow-brown, coarse, we	t; Gravel (20%) fine to
					medium, subrounded; Brick (5%) red.	
18	20	1.0	24-26-23-24	PG16B1820	SAND (50%) yellow-brown to dark brown	un, medium to coarse,
					wet; Gravel (50%) fine to medium, so	ubrounded to rounded.
					Trace brick.	
20	22	1.2	10-17-27-45	PG1682022	SAND (50%) brown to grey, coarse, we	et; Gravel (50%) fine to
					medium, subrounded.	
					Bottom of Boring = 22 ft	
					Depth to Water = 12 ft	
						***************************************
	·					
	_					



We	1 <u>RW-10</u>	x)	Project No. AY	05312				Page	of	
ite scation	GE Eas	st Street Area 2	Near River D	rilling Started	11/3/92		Drilling Co	mpleted	11/3/92	
otal Depti	Drilled	25	<b>f</b> cet	Hole Diamete	r 4.25 in	ches	Type of S Coring 1	•	Split-Spoon	
•	Diameter								<u> </u>	
Coring 1	Device	2' x 2"		<del></del>	<del> </del>		Sampling Ir	derval	2	feet
nd-Surfa evation	ce		feet	i	Surveyed E	rtimeted		Detum		
illing Ph	aid Used	None				Drilling 1	Method .	Hollow-Ste	m Auger	
illing Co	atractor ·	Empir	e Soils Investigation	orts	Driller T.	Farrell		Heiper	Chris	·
eperod		A. La	Barge	· ·	_	Hammer Weight	140	Hammer Drop	30	inches
_	ore Depth and surface)	Core Recovery (feet)	Time/Hydraulic Pressure or Blows per 6 inches	Sampie ID		Sex	nple/Core D	escription		
0	9				Auger to 9', commence sump	ling		-		
9	11	0.9	9-11-4-4		Gravel (85%) medium to con		ed with grey oi	l shoots, very	strong	
					hydrocurbon odor; Seed (151	K) medáma.		trented year		
		1						and the text	saddig oddi.	
11	13	0.0	4-3-2-2		No recovery, bosvy oil shoot	in spoon.	<del> </del>			
.13	15	0.8	4-6-14-12		Gravel (80%) medium to con-	rac, sabbrete	od with grey of	/water, bear	y sheen, strong o	dor;
					Sand (20%) grey, medium-gr	nin, esturat	ed, sheen, odo	r		
ک	17	1.0	14-12-8-8	i	Gravel (70%) seme se above;	ı				
		1			Sand (30%) brown madium-	(FLEE, 16) FIRE	ry rase-graus, s	ALLIPACO, PET	ng east, newy st	oca.
17	19	0.9	15-15-12-17	<u> </u>	Sand (70%) grey to black, fu	oc to mediu	m grain, saturi	ted, heavy e	hecs.	<u></u>
	<u> </u>	<del> </del>			Strong odor; Gravel (30%) sz	odium, sub	engular.			
19	21	0.8	21-20-17-19		Sand (90%) se above; Gravel	(10%) en s	sbove.			
1_	23	1.3	10-10-10-8		Same as above with trace gre	es/gray fin	e silt; trace coe	rec mand.		
21	2,				S4 (85%)	- 4. 1	l			
·	25	1.8	10-10-14-12		Sand (85%) gray-coarse at to			a, Ursvel	1.3 %) mearum, su	OMETIME.
·	<del> </del>	<del></del>	<u> </u>		trace fine silt; weak hydrocar	bon oder, i	light sheen.			
	<del> </del>							<del></del> -	<del></del>	<del></del>
<u> </u>										
	{			<b>!</b>						

RUST ENVIRONM INFRASTRI	MENT & UCTURE	TEST	TEST BORING LOG				BORING No. ES2-2A			
PROJECT East Stre	eet Area 2				SHEET	<b>1</b> OF	2			
CLIENT General	Electric Compa	any - Pittsfi	ny - Pittsfield, MA				87386.010			
DRILLING CONTRACTOR Clean Be	erkshires, Inc.				MEAS: PT ELEV					
PURPOSE <b>Hydroge</b>	ologic Investig	ation			GROUNE	ELEV.				
DRILLING METHOD Hollow Stem	Auger	SAMPLE	CORE	CASING	DATUM		MSL			
DRILL RIG TYPE Mobile B-57	TYPE	SS	NA	HSA	DATEST	ARTED	09/29/93			
GROUNDWATER ELEV. 8.10'	DIA.	2" OD	NA	4 1/4" ID	DATE FI	NISHED	09/29/93			
MEASURING POINT TIC	WEIGHT	140#			DRILLER	l ————	George Rustemeye			
DATE OF MEASUREMENT 10/1/93	FALL	30"			INSPECT	FOR	Mark A. Williams			
INTERVAL, RECOVERY, SAMPLE NUMBER BLOWS ON SAMPLE SPOON PER 6' UNIFIED CLASSI- FICATION GRAPHIC	GE	OLOGIC DE	ESCRIPTIO	N	ELEV.		REMARKS			
9 2- S-1 15 FILL 13 GP 9	Br cmf G, s mnr stnd; oc	dor; med der	nse (FILL) bris; mnr stn	,		Rec = Moist HS = 0	0.2 ppm _ = none 0.75'			
6- S-2 5 FILL  11  13	odar noted;	med dn (FIL	L)			HS = 0	ol.4 ppm ag. @ tip of spoon _ ≠ none			

	RU	ST EI	NVIRO IFRAS	)NMI TRU(	ENT & CTURE	TEST BORING LOG	BOR	ING No. ES2-2A
PROJ	IECT		East	Stree	t Area 2		SHEET	2 OF 2
CLIE	¥Τ		Gen	eral E	ectric Compa	ny - Pittsfield, MA	JOB No.	87386.010
DEPTH FT.	INTERVAL, RECOVERY SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION	GRAPHIC LOG	GE	OLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS
12-	S-3	5 7 10 10	SM			) mf G; oil stnd, odr ntd; med. dn s (-) mf (+)f S, oil stnd; odr noted;	11.1	Rec = 1.10' Wet HS = 1.8 ppm LNAPL = very slight sheen observed
14-	S-4	3 1 2 5	SM-GM		Gr br mf(+) S noted; ls (SM	s, I Cy\$, t mf G; oil stnd; odr I-GM)		Rec = 1.60' Wet HS = 1.25 ppm LNAPL = slight sheen observed
18-						ell Installation , 0.01° slot screen) nt Box onite Pellets n	18.0	

RUSTENVIRO	NMENT &	TEST	BORING	G LOG	BOR	ING No. ES2-8		
<del></del>	Street Area 2	<u> 1</u>		<u></u>	SHEET	SHEET 1 OF 3		
. <u>_</u>	ral Electric Compa	nv - Pittsfie	eld. MA		JOB No.	87386.010		
	Berkshires, Inc.				MEAS. P	<del></del>		
DRILLING METHOD Hollow Stem Auger SAMPLE CORE CASING DATUM MSL								
DRILL RIG TYPE Mobile B-5		SS	NA	HSA	DATE ST	ARTED 09/28/93		
GROUNDWATER ELEV. 22.89	DIA.	2" OD	NA	4 1/4" ID	DATE FI	NISHED 09/28/93		
MEASURING POINT TIC	WEIGHT	140#	***************************************		DRILLER	George Rustemeyer		
DATE OF MEASUREMENT 10/1/9	93 FALL	30"			INSPECT	OR Mark A. Williams		
INTERVAL, RECOVERY, SAMPLE NUMBER BLOWS ON SAMPLE SPOON PER 6* UNIFIED CLASSI- FICATION	GE COG	OLOGIC DE	SCRIPTION	N	ELEV. DEPTH	REMARKS		
2- S-1 7 SW 11 5	Lt br gr f S, I  Br cm(+)f S, subangular;	(FLOODI s (-) mf G, t	PLAIN) \$; mtld; cbl	chips;	1.3	TIC = Top of Inner Casing  Rec = 1.35' Dry/Moist HS = 0 ppm LNAPL = none		
4-   GM   5   GM   5   SM   7	Lt gr cmf(+) subrounded/ Br cmf S, I(-)	subangular;	loose	, , , , , , , , , , , , , , , , , , ,	5.3	Rec = 0.90' Dry/Moist HS = 0 ppm LNAPL = none * quartzitic cobble at end of spoon		
8-								

	RU	ST EI	VVIR( IFRAS	DNMI TRUC	TEST BORING LOG	BOR	ING No. ES2-8	
PRO	JECT		East	Stree	t Area 2		SHEET	2 OF 3
CLIE	NT		Gen	eral El	ectric Compa	ny - Pittsfield, MA	JOB No.	87386.010
DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION	GRAPHIC LOG	GE	OLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS
12-	S-3	15 16 14 15	SP		Br mf S, I mf occ. cbls; me	G; subangular to subrounded; ed dn (SP)		Rec = 1.25' Dry HS = 0 ppm LNAPL = none
14-	S-4	6 9 12	SP		n.p.; med dn Gray brown o little medium	S, I mf G; subangular; freq. cbls; (SP) coarse, medium (+) to fine SAND, to fine Gravel (subangular); bles; non-plastic; medium dense		Rec = 1.55' Dry/Moist HS = 0 ppm LNAPL = none
18- 20-	\$ S-5	5 6 10	SP			S, I (+) mf G; angular; occ. cbls; ; Fe stained; ls/med. dn (SP)		Rec = 1.05' Wet HS = 0 ppm LNAPL = none
22-		13				(OUTWASH)		

RUST ENVIRONMENT & TEST BORING LOG								BORING No. ES2-8			
ROJECT East Street Area 2								SHEET 3 OF 3			
JEI	<del></del>		į.		ectric Compa	ny - Pittsfield, MA	JOB No.	87386.010			
DEP (H F L	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION	GRAPHIC LOG	GE	OLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS			
_		-									
4 –						•					
_					End of Boring	(OUTWASH/TILL?)	25.0				
		'			(Sch 40 PVC 0 - 2' Concre	/ell Installation 5, 0.01' slot screen) te/Cement Box t/Bentonite Grout ite Pellets n	25.0				
								•			

RUST	VVIRONME JER A CTOLIC	NT &	TEST	BORING	G LOG	BOR	ING N	No. ES2-9	
PROJECT	East Street	······································				SHEET	SHEET 1 OF 2		
CLIENT			pany - Pittsfield, MA			JOB No. 87386.010			
DRILLING CONTRACTOR		<u>-</u>				MEAS P	T ELEV.		
PURPOSE	GROUNE	ELEV.							
DRILLING METHOD Ho	llow Stem Au	ogic Investig	CORE	CASING	DATUM		MSL		
DRILL RIG TYPE MO	bile B-57	TYPE	SS	NA	HSA	DATE STARTED 09/28/93			
GROUNDWATER ELEV.	14.72'	DIA.	2" OD	NA	4 1/4" ID	DATE FINISHED 09/28/93			
MEASURING POINT TIC	;	WEIGHT	140#			DRILLER		George Rustemeyer	
DATE OF MEASUREMENT	T 10/1/93	FALL	30"			INSPECT	OR	Mark A. Williams	
INTERVAL, RECOVERY, SAMPLE NUMBER BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION GRAPHIC LOG	GEOLOGIC DESCRIPTION DEPTH				ELEV.		REMARKS	
6 8 8 6 6 8 6 8 6 8 8 6 8 8 8 8 8 9 8 9	FILL GW	Br cmf (+) S.  Br dk br cmf stnd; loose  Dk br cm(+)f spoon; med.	G, I (+) cmf	s; cbls/rk fro	g; mnr	3.0	Rec = Dry HS = ( LNAP) Rec = Moist HS = 0	0.75'	

	RU	ST EN	VVIRC IFRAS	)NMI TRU(	ENT & CTURE	TEST BORING LOG	BOR	ING No. ES2-9
PROJ	ECT		East	Stree	t Area 2		SHEET	2 OF 2
CLIEN	IT	,. <u>.</u>	Gene	eral El	ectric Compa	ny - Pittsfield, MA	JOB No.	87386.010
DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION	GRAPHIC LOG	GE	OLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS
12-	S-3	5 7 9 9	FILL GW		Dk br/Dk br o debris; ls (Fli		13.0	Rec = 0.85' Moist/Wet HS = 0 ppm LNAPL = none
14-								
16-	S-4	4 2 4 5	SM		Br f S, I Cy\$;	wet; loose  (FLOODPLAIN)  S, I (-) mf G; stnd; med. dense	16.5	Rec = 1.15' Wet HS = 0.1 ppm LNAPL = none
18-	S-5	7 5 4	SP		Dk Gr Bl cmf dense (SP)	S, t mf G; stnd; oil odor; med.		Rec = 1.35' Wet HS = 0.2 ppm LNAPL = slight
20-		5			(Sch 40 PVC 0 - 2' Concre	Tell Installation  1, 0.01' slot screen)  2te/Cement Box  2th/Bentonite Grout  2th Pellets  2th Pellets	20.0	

RUS	ENVIRO INFRAS	ONMI TRUC	ENT & CTURE	TEST	BORING	G LOG	BOR	ING I	No. ES2-10	
PROJECT			t Area 2	L		SHEET	<b>1</b> OF	2		
CLIENT			ectric Compa	ny - Pittsfic		JOB No 87386.010				
DRILLING CONTRA			<del></del>				MEAS. P	T ELEV.		
PURPOSE			ogic Investiga	ation			GROUN	ELEV.		
DRILLING METHOD			<del></del>	SAMPLE	CORE	CASING	DATUM			
DRILL RIG TYPE	Mobile B-	·	TYPE	SS	NA	HSA	DATE ST	ARTED	09/27/93	
GROUNDWATER E	LEV. 15.9	0,	DIA.	2" OD	NA	4 1/4" ID	DATE FII	NISHED	09/28/93	
MEASURING POIN	T TIC		WEIGHT	140#			DRILLER		George Rustemeye	
DATE OF MEASUR	EMENT 10/1/	/93	FALL	30"			INSPECT	OR	Mark A. Williams	
DEPTH FT. INTERVAL. RECOVERY SAMPLE NUMBER BLOWS ON	SAMPLE SPOON PER 6" UNIFFED CLASSI- FICATION	GRAPHIC LOG	GE	OLOGIC DE	SCRIPTIO	N	ELEV. DEPTH		REMARKS	
2-8 S-1	9 10 FILL 8 7		Br cmf S, I (-) noted; med. (			d; no odor				
6-1 S-2 8	6 8 FILL 9 SP 9		Lt br cm(+)f s mnr odor; me Light Brown of well sorted; s minor odor n	ed. dense (F coarse, med tained red-	FILL-SP) dium (+) to fi brown and g	ne Sand; ray-black;		Rec = Moist HS = ( LNAP		

	RU	ST EN	VVIRO FRAS	DNMI TRUC	ENT & CTURE	TEST BORING LOG	BOR	ING No. ES2-10
PRO.	IECT		East	Stree	t Area 2		SHEET	2 OF 2
CLIE	NT.	<u>.                                    </u>	Gen	eral El	ectric Compa	ny - Pittsfield, MA	JOB No.	87386.010
<b>DEPTH FT</b>	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI. FICATION	GRAPHIC LOG	GE	OLOGIC DESCRIPTION	ELEV.	REMARKS
12-	S-3	1 1	FILL		Same; freq c	bis		Rec = 0.75' Wet/Moist HS = 0.8 ppm LNAPL = none
14-								
16-	S-4	2 2 3 2	FILL		16.15' to 17.0 Gray medium	n to fine SAND, trace Clayey Silt: :; loose; oil-oily odor noted from		Rec = 1.85' Wet HS = 4.5 ppm LNAPL = sheen/residue noted
18-	S-5	1 1 13	FILL SM		Gr mf S, I (-) noted; ls/v. d	Cy\$; wd debris; oil stnd; odor ense		Rec = 1.95' Wet HS = 8.5 ppm LNAPL = sheen observed cbl @ end of spoon
20-		50			(Sch 40 PVC 0 - 2' Concre	Tell Installation , 0.01" slot screen) te/Cement Box t/Bentonite Grout ite Pellets n	20.0	

RL	ST EI	NVIR(	)NME	ENT &	TEST	BORING	G LOG	BOR	ING N	lo. ES2-11
PROJECT				Area 2	SH				<b>1</b> OF	2
CLIENT				· · · · · · · · · · · · · · · · · · ·				JOB No		87386.010
DRILLING CO	NTRACTOR			shires, Inc.				MEAS. P	T ELEV.	
PURPOSE				ogic Investiga	ation	. AHPI I		GROUNE	DELEV	
DRILLING ME	THOD Ho				SAMPLE	CORE	CASING	DATUM		MSL
DRILL RIG TY		bile B-		TYPE	SS	NA	HSA	DATE ST	ARTED	09/30/93
GROUNDWAT	ER ELEV.	12.5	2'	DIA.	2" OD	NA	4 1/4" ID	DATE FII	VISHED	09/30/93
MEASURING I	POINT TIC	;	<del></del>	WEIGHT	140#			DRILLER	1	George Rustemeyer
DATE OF MEA	SUREMEN	T 10/1	/93	FALL	30"			INSPECT	ror	Mark A. Williams
DEPTH FT. INTERVAL, RECOVERY, REMANDE	BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION	GRAPHIC LOG	GE	OLOGIC DI	ESCRIPTIO	N	ELEV.		REMARKS
2	8 7 7 6	SP		Br cmf S, I m (SW)			dense		Rec = Dry HS = 0 LNAPL Rec = Dry HS = 0	) ppm _ = none .
	!									

	RU	ST EI	VVIRO VFRAS	DNMI TRUC	ENT & CTURE	TEST BORING LOG	BOR	ING No. ES2-11		
PROJE	ECT		East	Stree	t Area 2		SHEET	2 OF 2		
CLIEN	iT		Gen	eral El	ectric Compa	ny - Pittsfield, MA	JOB No	87386.010		
DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI. FICATION	GRAPHIC LOG	GEO	DLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS		
12-	S-3	5 4 6 5	SP		Br cm(+) S; V dense/loose (	VS; Fe stnd in areas; med. (SP)		Rec = 1.55' Moist/wet HS = 0 ppm LNAPL = none		
16-	S-4	6 8 8	SP		Brown-Gray o	S; WS; med. dense coarse, medium (+) SAND; well um dense (SP)		Rec = 1.8' Wet HS = 0 ppm LNAPL = none		
20-					(Sch 40 PVC	ell Installation , 0.01" Slot Screen) nt/Concrete Box nite Pellets	20.0			

R	LSTE	NVIRO NFRAS	ONMI TRUC	ENT & CTURE	TEST	BORIN	G LOG	BOR	ING I	No. ES2-12	
PROJECT				t Area 2	<u></u>	SHEET				2	
CLIENT		Gen	eral El	ectric Compa	ny - Pittsfie	ny - Pittsfield, MA JOB No				87386.010	
DRILLING C	ONTRACTOR			shires, Inc.				MEAS. P	T ELEV.		
PURPOSE				ogic Investig	ation		····	GROUNE	ELEV.	······································	
DRILLING N	METHOD HO	llow St			SAMPLE	CORE	CASING	DATUM			
DRILL RIG	TYPE Mo	bile B-	57	TYPE	SS	NA	HSA	DATE ST	ARTED	09/29/93	
GROUNDW	ATER ELEV.	12.5	5'	DIA.	2" OD	NA	4 1/4" ID	DATE FI	DATE FINISHED 09/29/93		
MEASURIN	S POINT TIC	>		WEIGHT	140#			DRILLER	<del></del>	George Rustemeyer	
DATE OF M	EASUREMEN	T 10/1,	/93	FALL	30"			INSPECT	OR	Mark A. Williams	
DEPTH FT. INTERVAL, RECOVERY,	NUMBER BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION	GRAPHIC LOG	GE	OLOGIC DE	SCRIPTIO	N	ELEV. DEPTH		REMARKS	
2	9 13 11 14	FILL		Br mf(+)f S, dense (SW)	l (+) mf <b>G</b> ; fr	eq. cbis not	ed; med.		Rec = Dry/M HS = ( LNAPI	pist	
	-2 4 1 4	FILL SW		Br mf S, t Cy Brown mediu Silt, little (-) r (FILL-SW)	ım to fine S/	AND, trace	Clayey		Rec = Moist HS = 0 LNAPI		
8-				INFERRED	CONTACT			8.5			
		}	,	(FL	OODPLAIN	DEPOSITS	S)				

	RU	T EI	VVIRO VFRAS	BOR	BORING No. ES2-12			
PROJ					t Area 2			2 OF 2
CLIEN	1 <b>T</b>	1	Gen	eral E	lectric Compa	ny - Pittsfield, MA	JOB No.	87386.010
DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION	GRAPHIC LOG	GE	OLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS
12-	S-3	2 2 3 2	SP		10.85'; v ls (\$	stained between 10.55' and SP)  S; v wet; v. is (SP)	11.7	Rec = 1.87' Wet HS = 0 ppm LNAPL = none Moist/wet between 11.0'-12.0' BGS
14-	\$\$ \$-4	5 4	SP			ell-sorted; v wet; is (SP) m to fine (+) SAND; well-sorted; se (SP)		Rec = 1.80' V. Wet HS = 0 ppm LNAPL = none
18-		3			(FL¢	DODPLAIN DEPOSITS)		
20-					Sch 40 PVC; 0 - 2' Cond	ell Installation 0.01" slot screen) crete/Cement Box onite Pellets creen	20.0	

RUSTEN	VIRONM FRASTRU	ENT & CTURE	TEST	BORING	G LOG	BOR	No. 1R		
PROJECT	East Stree	t Area 2				SHEET	1 OF	3	
CLIENT	General E	lectric Compa	ny - Pittsfield, MA JOB No					87386.010	
DRILLING CONTRACTOR	Clean Ber	kshires, Inc.		MEAS			PT ELEV.		
PURPOSE	Hydrogeo	logic Investig	ation			GROUND	ELEV.		
DRILLING METHOD Hol	low Stem A	uger	SAMPLE	CORE	CASING	DATUM	DATUM MSL		
DRILL RIG TYPE Mol	bile B-57	TYPE	SS	NA	HSA	DATE ST	ARTED	09/30/93	
GROUNDWATER ELEV.	18.05'	DIA.	2" OD	NA	4 1/4" ID	DATE FIL	DATE FINISHED 09/30/93		
MEASURING POINT TIC		WEIGHT	140#			DRILLER		George Rustemeyer	
DATE OF MEASUREMENT	10/1/93	FALL	30"			INSPECT	OR	Mark A. Williams	
DEPTH FT. INTERVAL. RECOVERY. SAMPLE NUMBER BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION GRAPHIC LOG	GE	OLOGIC DE	ESCRIPTIO	N	ELEV.		REMARKS	
5 6 8 8 9 9 10 10 10 8 - 1 10 10 10 10 10 10 10 10 10 10 10 10 1	FILL	Dk br bl mf (chips, cbls a med. dn (FIL Dark brownsome (-) medocasional tamiscellaneou medium den	+) S, s (-) m nd misc rbl r L) black mediu dium to fine ar chips. cob us rubble no	f G; stnd; oc noted @ 6.5 m to fine (+) Gravel; stain bles and ted at 6.5 - 1	cc. tar ' - 7.0'; SAND, ned;		Rec = Dry/Da HS = ( LNAP) Rec = Damp HS = (	amp 0.0 ppm L = none	

	RU	ST EN	IVIRC FRAS	NMI TRU(	ENT & CTURE	TEST BORING LOG	BOR	ING No. 1R
PRO.	ECT				t Area 2		SHEET	2 OF 3
CLIE	1			eral El	ectric Compa	ny - Pittsfield, MA	JOB No.	87386.010
DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI- FICATION	OLOGIC DESCRIPTION	ELEV.	REMARKS		
12-	S-3	2 2	FILL			I (-) mf S; freq. cbls.; freq. rk frag; oil; odor noted; coal tar slag, v. ls		Rec = 0.85' Wet/Moist HS = 1.2 ppm LNAPL = slight sheen observed
14- - 16-	XXXXXX	2 4 6 8	FILL			t \$; stained; odor noted; occ. rts 5' and 16.5'; ls/med. dn (FILL)		oil-stained rods observed at approx. 13.5' BGS  REC = 1.65' Wet HS = 0.8 ppm LNAPL = sheen observed frequent globules
20-	S-5	3 3 6	FILL		flaky metal pi Dark gray me	edium to fine SAND, some coarse I: stained; odor noted; frequent		Rec = 0.75' Wet HS = 0.4 ppm LNAPL = sheen observed

	RU	T EI	VVIRO IFRAS	)NMI TRU(	ENT & CTURE	TEST BORING LOC	G LOG BORING No. 11		
PRO	JECT		East	Stree	t Area 2		SHEET	3 OF 3	
CLIE	NT		Gen	eral El	ectric Compa	ny - Pittsfield, MA	JOB No.	87386.010	
DEPTHFT	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION	GRAPHIC LOG	GE	DLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS	
24-					(Sch 40 PVC 0-2' Cement	fell Installation , 0.01" slot screen) box bentonite grout e pellets n	25.0		

	RU		NVIRO IFRAS	ONMI TRU(	ENT & CTURE	TEST	BORIN	G LOG	BOR	BORING No. 9R		
PRO.	JECT		East	Stree	t Area 2				SHEET	<b>1</b> OF	2	
CLIE	NT		Gen	eral El	ectric Compa	ric Company - Pittsfield, MA				JOB No. 87386.010		
DRIL	LING CONT	RACTOR	Clea	n Berl	cshires, Inc.	с. м				TELEV		
PURI	POSE		Hyd	rogeol	ogic Investigation G				GROUND	ELEV.		
DRIL	LING METH	OD Ho	llow St	lem Aı	ıger	SAMPLE	CORE	CASING	DATUM	DATUM MSL		
DRIL	L RIG TYPE	Мо	bile B-	57	TYPE	SS	NA	HSA	DATE ST	DATE STARTED 09/27/93		
GRO	UNDWATE	R ELEV.	14.3	5'	DIA.	2" OD	NA	4 1/4" ID	DATE FIN	NISHED	09/27/93	
MEA	SURING PO	INT TIC	;		WEIGHT	140#			DRILLER		George Rustemeyer	
DATE	OF MEAS	UREMEN	10/1	/93	FALL	30"			INSPECT	OR	Mark A. Williams	
DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSI- FICATION	GRAPHIC LOG	GE	OLOGIC DI	ESCRIPTIO	N	ELEV. DEPTH		REMARKS	
					Br cm (+) f S	s (-) mf G:	dry: asoh. d	lebris			Top of Inner Casing	
	S-1	5		<b>-</b>	Dk grfS, s (				0.4	Rec =	1.22'	
_	₩ S-1	8	FILL		frag.	(FIL	13			HS = (		
	3-1	9	SM			ורונ	L)				L = none 2` f S, I(+) \$; dry; loose	
			Ç IVI							lasi V.	2 1 Ο, I(+) ψ, UIY, IOUSE	
2-		12										
			<u>.</u>									
	1   1		]									
-									1			
4-	<del>-</del> ] .								İ			
				}								
			l.									
-	***	_	<del>أ</del>		Gr br f S, 1 (+	-) \$; stnd; no	odor: occ (	-) rk/brick		Rec =	1.4'	
	**	6			frag.; med. d	ense (SM)				Moist	0.0 ppm	
6-	- S-2	9	FILL		Gray-Brown no odor: occ						L = none	
		16	SM		medium den							
		- 10	J(V)									
-		13										
8-		_ <del>_</del>							ļ			
				 	INFERRED	CONTACT		<del></del>	]			
							-,		8.5			
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PROJECT East Street Area 2  CLIENT General Electric Company - Pittsfield, MA  JOB No.  RECOVERY.  SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SA	2 OF 2 87386.010 REMARKS Rec = 0.93' Moist HS = 0.1 ppm
	REMARKS  Rec = 0.93' Moist HS = 0.1 ppm
DEPTH FT.  INTERVAL.  RECOVERY. SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPL	Rec = 0.93' Moist HS = 0.1 ppm
	Moist HS = 0.1 ppm
8 10 9 112 113 114 115 116 118 118 118 118 118 118 118 118 118	Rec = 1.10' Wet HS = 0.4 ppm LNAPL = none

RUST ENVIRONME	ENT & TURE	TEST	BORING	GLOG	BOR	ING No. RW-2(X)
PROJECT East Street Area 2				SHEET	1 OF 3	
CLIENT General E	ectric Compa	ny - Pittsfi	eld, MA		JOB No	87386.010
DRILLING CONTRACTOR Empire So	ils Investigati	ions, Inc.			MEAS. P	T ELEV.
PURPOSE Recovery	Well Installati	on			GROUNE	DELEV.
DRILLING METHOD Hollow Stem A	ıger	SAMPLE	CORE	CASING	DATUM	MSL
DRILL RIG TYPE Failing F-10	TYPE	SS	NA	HSA	DATE ST	ARTED 10/27/93
GROUNDWATER ELEV. 14.63'	DIA.	2" OD	NA	6 5/8" ID	DATE FI	NISHED 10/28/93
MEASURING POINT TIC	WEIGHT	300#			DRILLER	Ed Cole
DATE OF MEASUREMENT 10/28/93	FALL	30"			INSPECT	OR Mark A. Williams
INTERVAL, RECOVERY, SAMPLE NUMBER BLOWS ON SAMPLE SAMPLE SAMPLE SPOON PER 6" UNIFIED CLASSI FICATION GRAPHIC LOG	GE	OLOGIC DI	ESCRIPTIO	N	ELEV. DEPTH	REMARKS
4-	Augered dov			Fe stnd;	5.0	TiC = Top of Inner Casing  Rec = 1.05'
6-8 S-1 5 SW-SP 5 9	no odor; ls/m Brown light t SAND, little frequent cob loose/medium	ned. dense ( prown coars (-) medium t bles; iron st m dense m S, t mf G;	SW-SP)f e to medium to fine Grave ained; no od	(+) bl: lor:		Dry HS = 0.2 ppm LNAPL = none  Rec = 1.10'
8 - 8 S-2 8 SW-SP 8 7 3	med. dense  Br cm S, I (+		cbl pcs; ls (	SW-SP)		Dry HS = 0.3 ppm LNAPL = none  Rec = 1.25' Dry/Moist
3		(OUTW	ASH)			HS = 0.6 ppm

	RU	别 和	VVIRO IFRAS	ONMI TRU(	ENT & CTURE	TEST BORING LOG	BOR	NG No. RW-2(X)
PRO.	PROJECT East Street Area 2		SHEET	2 OF 3				
CLIE	NT		Gen	eral El	ectric Compai	ny - Pittsfield, MA	JOB No.	87386.010
DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION	GRAPHIC LOG	GEC	DLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS
14-	\$\frac{1}{2}\$	4 5 6 8 9 9	GP GP		chips; Is (GP) Brown-gray c GRAVEL, sor mottled; frequ  Br cmf G, s (- noted; Is (GP)	oarse medium (+) to fine me (-) coarse to fine Sand; vent cobble chips; loose (GP) (OUTWASH)		PCB Soil Sample Collected @ 10' BGS LNAPL = none  Rec = 1.35' Dry HS = 1.8 ppm HS = 1.6 ppm (tip of SS) LNAPL = none  Undisturbed Sample in two 2.5' sections Section 1 (13'-15.5') Moist/wet @ bottom of sample Section 2 (15.5'-18') 100% recovery 0.8' oil stained soils, between 16.7 -17.5' BGS
20-	\$ 5 5 S 6 6	3 5 6 8 1 2	SM		stnd Dk br/dk gr m stnd; ls at 18. c(+)m S, occl dense (SM)	s (+) c(+)m S; occ. cbls; oil odr;  of S, s (+) \$; mnr oil odr; mnr 2' to 18.5'Dk gr mf G, s (-) cbls; oil odor, sl stnd; ls/med.  S, s(+) mf G; occ cbl chips; minor tnd; ls (SP)	17.5	Rec = 1.35' Wet HS = 2.4 ppm LNAPL = slight sheen observed  Rec = 1.1' Wet HS = 3.2 ppm LNAPL = slight PCB soil sample collected at 20' BGS

,

R	STR	VVIRC VFRAS	NM! TRU(	ENT & CTURE	TEST BORING LOG	BOR	ING No. RW-2(X)
PROJECT				Street Area 2			3 OF 3
CLIENT	i	Gene	eral El	ectric Compa	ny - Pittsfield, MA	JOB No.	87386.010
DEPTH FT. INTERVAL, RECOVERY, SAMPLE	NUMBER BLOWS ON SAMPLE SPOON PER 6*	UNIFIED CLASSI- FICATION	GRAPHIC LOG	GE	OLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS
24-X S-	2	SW-GP		Dk gr mf G, I odor/stnd (G	cm S, occ. cbl chips; v ls; oil W-GP) (OUTWASH)		Rec = 1.0' Wet HS = 2.1 ppm LNAPL = slight, minor shee observed PCB soil sample collected at 24' BGS
				(Stainless St 0 - 2' Concre	g @ 25.0' ell Installation eel, 60 slot screen) te/Cement Box t/Bentonite Grout ite Pellets	25.0	



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7-	AY05302	Well ES2-1
Oft	ProjectPittsfield	
LAND SURFACE	County Berkshire	
1 Kl	Permit No.	
10 inch diameter	Land-Surface Elevation	
drined riole	and Datum985.7_ feet	☐ Surveyed
Well casing,	USGS 1929	☐ Estimated
4 inch diameter, Schedule_40_PVC	Installation Date(s) 1-16-91 through 1-1	7-91
Backfill	Drilling Method Hollow-stem auger	
GroutCement/Bentonite	Drilling Contractor Clean Berkshires,	Inc.
1	- The state of the state of	
30 44		
ft* Bentonite □ slurry23ft* ☑ pellets	Development Technique(s) and Date(s)  Centrifugal Pump 1-21-91	
25ft*	Fluid Loss During Drilling None  Water Removed During Development	
Well Screen.	13.40	feet below M.P.
4_ inch diameter	Pumping Depth to Water	
<u> </u>	Pumping Duration hour	
Down Park	Yieldgpm	Date <u>1-21-91</u>
Gravel Pack  [*] Sand Pack No. 2	Specific Capacity of	ppm/ft
Formation Collapse	Well Purpose Intermediate groundwater more	nitoring well
ft*		<del></del>
	Remarksvery fast recovery	
Measuring Point is		
Top of Well Casing		

Prepared by A. LaBarge

Unless Otherwise Noted.



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0 ft LAND SURFACE
inch diameter drilled hole
Well casing, inch diameter,schedule_40_PVC
☐ Backfill ☐ Grout <u>Cement/Bentonite</u>
ft* Bentonite □ slurry
Bentonite ☐ slurry  ——————————————————————————————————
Well Screen.
Gravel Pack Sand Pack No. 2 Formation Collapse
30_ft*

Measuring Point is Top of Well Casing Unless Otherwise Noted.

ProjectAY05302	Well	ES2-2
Town/City Pittsfield		
County Berkshire	_ State	A
Permit No.	<del>.</del>	
Land-Surface Elevation		
and Datum feet	□ Şurvey	ed
USGS 1929	☐ Estimat	ted
Installation Date(s) 1-14-91 through 1-15-9		
Drilling Method <u>Hollow-stem auger</u>		
Drilling ContractorClean Renkshires, Inc.		
Drilling Fluid		
Development Technique(s) and Date(s)		<u>-</u> . <u>-</u> .
Centrifugal Pump 1-22-91		
Fluid Loss During Drilling		gallons
Water Removed During Development		gallons
Static Depth to Water7.57		feet below M.P.
Pumping Depth to Water		feet below M.P.
Pumping Duration hours		
Yieldgpm		Date ₁₋₂₂₋₉₁
Specific Capacity gpr		
Well Purpose		
Intermediate groundwater monitoirng weil		
Recovery - 2 min.		
Prepared byA. LaBarge		



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<b>-</b> -	Project	Well
ft LAND SURFACE	Town/City Pittsfield	
LAND SUMPACE	County Berkshire	StateMA
10 inch diameter drilled hole	Permit No Land-Surface Elevation	
Well casing,	and Datum feet feet	<ul><li>☐ Surveyed</li><li>☐ Estimated</li></ul>
inch diameter, Schedule 40 PVC	Installation Date(s)  1-21-91 through 1-22-91  Hollow-stem auger	
Backfill  Grout Cement/Bentonite	Drilling Method Clean Berkshires, Inc.	
	Drilling Fluid Water	
Bentonite ☐ slurry	Development Technique(s) and Date(s) Centrifugal Pump 1-25-91	
<u>16</u> <u>ft</u> * x□ pellets	Centrifugal Pump 1-28-91	
18ft*	Fluid Loss During Drilling None	-
Well Screen.	Water Removed During Development 105 Static Depth to Water 11.83	
inch diameter	Pumping Depth to Water	
	Pumping Durationhours	
Gravel Pack	Yieldgpm	Date <u>1-25-91</u>
Well Screen.  inch diameter	Specific Capacity gpm Well Purpose	/ft ring well
	Remarks	
Measuring Point is Top of Well Casing Unless Otherwise Noted.		

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	Project	WellESZ-4
oft	Town/City Pittsfield	
LAND SURFACE	County Berkshire	StateMA
14 14	Permit No	
drilled hole	Land-Surface Elevation	
Well casing,	and Datum 984.3 feet usgs 1929	<ul><li>☐ Surveyed</li><li>☐ Estimated</li></ul>
inch diameter, Schedule 40 PVC	Installation Date(s) 1-11-91	
Backfill	Drilling Method Hollow-stem auger	
Grout Cement/Bentonite	Drilling ContractorClean Berkshires,	Inc.
	The same of the same	
☐ ☐ 3 ft*		
Bentonite 🗀 slurry	Development Technique(s) and Date(s) Centrifugal Pump 1-21-91	
5 ft* 🛭 pellets	Centrifugal Pump 1-22-91	
	Fluid Loss During DrillingNone	gallons
	Water Removed During Development	<del>-</del>
Well Screen.	Static Depth to Water11.1	feet below M.P.
4 inch diameter <u>PVC,010</u> slot	Pumping Depth to Water	feet below M.P.
	Pumping Duration hou	rs
Gravel Pack	Yield gpm	Date <u>1-21-91</u>
Sand Pack No. 2	Specific Capacity	gpm/ft
Formation Collapse	Well Purpose	
Well Screen.  4 inch diameter  PVC,010 slot  Gravel Pack  Sand Pack No. 2 Formation Collapse	Shallow groundwater monitoring well.	
22_ft*		· · · · · · · · · · · · · · · · · · ·
22 fr*	Remarks	
	90% recovery - 10 min.	
Measuring Point is		
Top of Well Casing Unless Otherwise Noted.		
		. 10 10 10 10 10 10 10 10 10 10 10 10 10
*Depth Below Land Surface		

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o'ft	Project Well Well
	Town/City State State
inch diameter drilled hole	Land-Surface Elevation  and Datum 990.8 feet Surveyed Estimated  Installation Date(s) Hot low-stem auger  Drilling Contractor Clean Berkshires, Inc.
5_ft*  Bentonite □ slurry  7_ft* ₺ pellets	Drilling Fluid None  Development Technique(s) and Date(s)  Centri fugal Pump 1-22-91
9_ft* Well Screen4 inch_diameterpvc_,010slot	Fluid Loss During Drilling gallons  Water Removed During Development gallons  Static Depth to Water feet below M.P.  Pumping Depth to Water feet below M.P.  Pumping Duration hours
Gravel Pack Sand Pack Formation Collapse	Yieldgpm Date 1-22-91  Specific Capacitygpm/ft  Well PurposeShallow groundwater monitoring well.
ft*	Remarks100% recovery - 8 min.

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Measuring Point is Top of Well Casing Unless Otherwise Noted.



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<b>-</b> 2°	Project AY05302	Well ES2-6
O Ft	Town/City Pittsfield	
LAND SURFACE	County Berkshire	State MA
la la	Permit No.	
12-14 inch diameter	Land-Surface Elevation	
drilled hole  Well casing,	and Datum 986.3 feet usgs 1929	Surveyed □ Estimated
4 inch diameter,	Installation Date(s) 1-10-91 through 1-15-91	
Backfill	Drilling Method Hollow-stem auger	
Grout Type II Portland Bent	Drilling Contractor Empire Soils Investigation	ions, Inc.
ИИ	Drilling Fluid Water	
Bentonite ☑ slurry  35.0 ft* ☑ pellets	Development Technique(s) and Date(s) Centrifugal Pump 1-24-91	
	Fluid Loss During Drilling None	gallons
ft*	Water Removed During Development 40	gallons
Well Screen.	Static Depth to Water13.2	feet below M.P.
inch diameter	Pumping Depth to Water	feet below M.P.
, <u>and</u> 3101	Pumping Duration hours	
well Screen.  inch diameter	Yieldgpm	Date 1-24-91
Sand Pack ⁰ size Formation Collapse	Specific Capacitygp Well Purpose	m/ft et t
47.5 ft*		
48.5 ft*	Remarks	
	40% recovery - 10 min.	
Measuring Point is Top of Well Casing Unless Otherwise Noted.		

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<b>-</b> 2	Project AY05302	Well_Es2-7
o ft	Town/City Pittsfield	
LAND SURFACE	County Berkshire	State_MA
ИД	Permit No.	
drilled hole inch diameter	Land-Surface Elevation	
ИИ	and Datum 980.4 feet	☑ Surveyed
Well casing,  4 inch diameter,	Installation Date(s) 1-16-91 through 1-17-91	☐ Estimated
Schedule 40 PVC	Drilling Method Hollow-stem auger	
☐ Backfill ☐ Backfill ☐ Backfill ☐ Backfill ☐ Backfill ☐ Portland & Bentonite	Drilling Contractor Empire Soils Investiga	ations, Inc.
	Drilling Fluid 0-22' None/22-43' Water	
Bentonite	Development Technique(s) and Date(s) Centrifugal Pump 1-23-91	
	Fluid Loss During Drilling None	gallon
	Water Removed During Development 20	
Well Screen4 inch diameter	Static Depth to Water	
PVC , _010 slot	Pumping Depth to Water	
	Pumping Duration hours	Date 1-23-91
☐ Gravel Pack  Gravel Pack  A Sand Pack  Gravel Pack  Gravel Pack	Specific Capacityg	pm/ft
Formation Collapse	Well Purpose Deep groundwater monitoring	well (top of till)
43ft*		STITLE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF STATE OF ST
43.5	Remarks_	
π"	Very fast recovery	-
Measuring Point is		
Top of Well Casing Unless Otherwise Noted.		# 12 To 14 To 14 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 To 15 T

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☐ 0.37 ft	Project AY05602	WellRF-1
ft LAND SURFACE	Town/City Pittsfield	
	County <u>Berkshire</u>	State_MA
N N	Permit No.	
inch diameter	Land-Surface Elevation	
A CALIMED HOLE	and Datum feet	□ _x Surveyed
Well casing,	NGVD 1929	☐ Estimated
inch diameter,	Installation Date(s) 10-23-91	
- Schedule 40 PVC	Drilling Method Hollow-Stem Auger	
GroutCement/Bentonite	Drilling Contractor Clean Berkshire	s. Inc.
ИИ	Drilling Fluid	
<u> </u>		
	Development Technique(s) and Date	o(s)
Bentonite	Bladder Pump, 10-28-91	
	Fluid Loss During Drilling	gallons
ft*		gallons
Well Screen.		feet below M.P
inch diameter	<u>'</u>	feet below M.P
inch diameter	Pumping Duration 0.25	
Gravel Pack	Yieldgpm	Date _{0/28/01}
Gravel Pack Sand Pack	Specific Capacity	gpm/ft
Formation Collapse	Well Purpose	
	Ground-Water Monitoring Well	
ft*		
	Remarks	
<u> 20</u> ft		
Measuring Point is		
Top of Well Casing		
Unless Otherwise Noted.		

Prepared by _



(UNCONSOLIDATED)

Project
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Top of Well Casing Unless Otherwise Noted.

Project	Well RF-2
Town/City Pittsfield	
County Serkshire	State MA
Permit No.	
Land-Surface Elevation	- <del></del>
and Datum983.22 feet	☐ <b>XSurveyed</b> ☐ Estimated
Installation Date(s) 10-22-91	E Edminated
Drilling Method Hollow-Stem Auger	-
Drilling Contractor Clean Berkshires, I	nc.
Drilling Fluid	
Development Technique(s) and Date(s)  Bladder Pump, 10-28-91	
Fluid Loss During Drilling	gallon
Water Removed During Development1	
	feet below M.P
Pumping Depth to Water	
Pumping Duration 0.2 hou	
Yieldgpm	Date1 <u>0/28/91</u>
Specific Capacity	
Well Purpose	
Ground-Water Monitoring Well	
Remarks	
	<u> </u>
Prepared by	



(UNCONSOLIDATED)

-0.37 ft	Project	WellRF-3
ft LAND SURFACE	Town/City Pittsfield	
N N	County Berkshire	State_M_
M M	Permit No.	
10 inch diameter drilled hole	Land-Surface Elevation	
drilled Hole	and Datum 985.66 feet	⊟kSurveyed
Well casing,	NGVD 1929	☐ Estimated
inch diameter,	Installation Date(s) 10-24-91	
Schedule 40 PVC Backfill	Drilling Method Hot Low-Stee Auger	
Grout Cement/Bentonite	Drilling Contractor Clean Berkshires	
ИИ — ——	Drilling Fluid	
ИИ		
1 1 t*	Development Technique(s) and Date(	(s)
Bentonite 🗆 slurry	Bladder Pump, 10-25-91	
2ft* x □ pellets		
	Fluid Loss During Drilling0	galions
<b>₩</b>	Water Removed During Development	•
Well Screen.	Static Depth to Water 9.67	_
inch diameter	Pumping Depth to Water 18.0	
— <del>PVC</del> —, —,010— slot	Pumping Duration0.45	
	Yield gpm	Date 0/28/91
Gravel Pack Gravel Pack Sand Pack	Specific Capacity	•
Formation Collapse	Well Purpose	
	Ground-Water Monitoring Well	
	Remarks	
Massuring Point in		
Measuring Point is Top of Well Casing		
Unless Otherwise Noted.		
*Depth Below Land Surface		
	I	

Prepared by _



(UNCONSOLIDATED)

0.19 ft	Project AY05602	WellRF-4
ft	Town/City Pittsfield	
LAND SURFACE	County Berkshire	
ИИ	Permit No.	
12 inch diameter	Land-Surface Elevation	
drilled hole	and Datum 1012 1a feet	□kSurveyed
Well casing,	and Datomion	☐ Estimated
inch diameter,	In-t-Heting Det (-) \$.20.01	
Schedule 40 PVC		
Backfill	Drilling Method 6 1/4" Hollow-Stem Auger	
Grout Type 1 Portland	Drilling Contractor Clean Berkshires, Inc.	
KI KI	Drilling Fluid None	
4 - s - n.		. <u> </u>
Bentonite □ slurry	Development Technique(s) and Date(s)	
Bentonite   slurry  sft*   pellets	Bladder Pump, 6-21-91	<u> </u>
4.	Fluid Loss During Drilling	gallon
ft*	Water Removed During Development	gallon
Well Screen.  inch diameter  inch diameter  slot  Gravel Pack  Sand Pack  Formation Collapse	Static Depth to Water15.25	feet below M.F
inch diameter	Pumping Depth to Water	feet below M.P
- <del></del>	Pumping Duration 0.4 hour	S
Gravel Pack	Yield _2gpm	Date /21/91
Sand Pack	Specific Capacity g	pm/ft
Formation Collapse	Weil Purpose	
	Ground Water Monitoring	
	Remarks	
<u> </u>	14 begs #20 Send	
	- 1 bucket Sentenite Peliets	
Monauries Daint in		
Measuring Point is Top of Well Casing		
Unless Otherwise Noted.		· ·
*Depth Below Land Surface		* * · · · · · · · · · · · · · · · · · ·
Depth Delow Land Surface	Proposed by	
	Prepared by	<del></del>



(UNCONSOLIDATED)

<b>—</b> -0.	. <u>24</u> ft
11	•
	ft LAND SURFACE
	so inch diameter
ИИ	inch diameter drilled hole
ИИ	drillog riolo
ИИ	Well casing,
ИИ	inch diameter,
ИИ	-Schedule 40 PVC
	☐ Backfill
ИИ	Grout <u>Cement/Bentonite</u>
ИИ	
ИИ	- n*
	-311
1	Bentonite     slurry
Mar. Sec.	Bentonite ☐ slurry 5ft* ☐ pellets
	4.4
░≡巖	<del></del> _ft*
	Well Screen.
	inch diameter
	PVC slot
靈三巖	
	Gravel Pack
	x ☐ Sand Pack
₩三錣	Formation Collapse
■■	
	ft*
	· ——
	<u></u>
	Measuring Point is

Measuring Point is Top of Well Casing Unless Otherwise Noted.

Project AY05602	WeliRF-16
Town/City Pittsfield	
County Berkshire	State_M
Permit No.	•
Land-Surface Elevation	
and Datum feet NGVD 1929	□ Surveyed □ Estimated
Installation Date(s) 10-21-91	
Drilling Method Hollow-Stem Auger	
Drilling Contractor <u>Clean Beckshires, Loc.</u> Drilling Fluid	
Development Technique(s) and Date(s)  Bladder Pump, 10-28-91	
Fluid Loss During Drilling Water Removed During Development	-
Static Depth to Water 9-61	
Pumping Depth to Water	feet below M.P.
Pumping Duration <u>a.s</u> hours	
Yield _2gpm	Date _{0/28/91}
Specific Capacity gpr	
Well Purpose	
Ground-Water Monitoring Well	
Remarks	
Prepared by	



# WELL CONSTRUCTION LOG (UNCONSOLIDATED)

	Project AY05312 Town/City Pittsfield	Well RW-1(X)
∏ ↑ oπ.	County Berkshire	State Massachusetts
Land Surface	Permit No.	Otate Massachusetts
12.25 inch diameter	Land-Surface Elevation and Datumfeet	Surveyed
drilled hole		Estimated
	Installation Date(s) 11/24/92 - 11/25/92	
Well Casing	Drilling Method Hollow-Stem Auger	
8_inch diameter,	Drilling Contractor Empire Soils Investigatio	ns, Inc.
Stainless Steel	Drilling Fluid None	
Backfill  x Grout Cement/Bentonite	Development Technique(s) and Date(s)  Centrifugal Pump and Polyethylene Tubing: 1	1/25/92
6.0 ft.*	Fluid Loss During Drilling 0	
<u> </u>	A	
Bentonite slurry	•	275 gallons feet below M.P.
8.0 ft. x pellets	Durania - Darah as 14/sass	feet below M.P.
		hours
9.0 ft.•	Yield gpm Date	nouis
	Specific Capacity gpm/f	<del></del>
Well Screen	Spanning Spanning	**
8 inch diameter	Well Purpose Recovery Well	
Steel 60 slot		
Gravel Pack		
x Sand Pack Morie #3	Remarks	
Formation Collapse		
24.0 ft.		
Measuring Point is		
Top of Well Casing		·
Unless Otherwise Noted.		
Depth Below Land Surface	Prepared by A. LaBarge	

							7386.010 SHEET 1 of 1
NSPECTOR	MA NA	DREUNG COMPANY	4.25	Hollow Stem A	uger	WATER FLFV	-8.1 (DEPTH) TIME/DATE 10/01/93
		DRLL RIC					
LOCATION .	COORDINATES .	NOT CURRENT	LY AVAILABLE			· · · · · · · · · · · · · · · · · · ·	TME / DATE
DEPTH		LITHOLOGY			SKETCH		MATERIALS LEGEND
DELLH	30IL /	THOUSE		11 E FT	OWEIGH		MATERIALD LEGERY
<b>a</b> a 0.0	FILL		-1.6 ao		4" DIAM S PROTECTIVE	STEEL E COVER	PEA CRAVEL FINE SAND  COMENT COARSE SAND  BENTONITE CAVE-IN
			1.5 20	- 💹 🔣		diam = 4,25 in.	1
-13			25 —		2" SHD 4	io, pvc riser	INSTALLATION NOTES
-&o		,	£102				
11.0-	Он				2" SHD 4 with 0.010	O, PVC SCREEN O" SLOT	
-12.5 -12.0 -15.0	SM-GN						WEIL DEVELOPMENT NOTES Well developed on 10/04/93
18.0-	END OF BORD	NG 18.0	18.0				Sug test results: K(h): 3.50E-03 Historiay K(H): 1.78E-03 Bouwer & Rice
- to.4							
-22.8							
- <b>38.</b> ŝ							
•			•				1
	l		<u> </u>				1
			CONS	TRUCTION N	CATERIALS	SUMMARY	
WELL CASING			3.0 1.4.	MATERIAL		TYPE USED	INSTALLATION METHOD GRAVITY
CASING TYPE WELL SCREED		SCH 40 PVC		filter pack Bentonte seal		BENTONITE	CRAVITY
SOREEN TYPE		PYC, 0,010 SLO	<u>T</u>	GROUT SEAL		NONE	NA
METT COAFLE	<del></del>	4" DIAM, STEEL		SURFACE CEMENT	CEN	ENT/CONCRETE	GRAVITY
DRILLING FLU	10	NONE USED					

				WELL 1.93		·
						586.010 SKET 1 of 1
NOTECTOR.	M.A Williams	DRELING COMPANY	Clean Be	rkshires, Inc	GROUND ELEV	NA RISER ELEV. NA
MEATHER _						2.89 (DEPTH) TIME/DATE 10/01/93
TEMP	NA	ORLL RICMO	bile B-57 DRLLER	G. Rustemayer	STARTED	/28/93 COMPLETED 09/28/93
LOCATION /	/ COORDINATES	NOT CURRENT	LY AVAILABLE			
DEPTH	SOIT /	LITHOLOGY		WELL SKETCH		MATERIALS LEGEND
	7					
			-			PEA CRAVEL FINE SAND
	1		<del>[</del>			COARSE
			4	4" DIAM.	steel Ve cover	CEMENT COARSE
<b>-</b> 0.0	SM - FLOOD	PLAIN	***************************************	#ROTECTI	VE COVER	BENTONITE CAVE-IN
ļ				-borehole	diam = 4.25 in.	] ==
1.3	SW		1.5 —			□ CROUT □
	-		20 — <del>-</del>			INSTALLATION NOTES
•	į		-			HISTALIZATION NOTES
				2" 50+0	40, PVC RISER	1
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						WELL DEVELOPMENT NOTES
						Well developed on 10/01/93.
,				2° SHD	40, PVC SCREEN	
- {	1			with 0.0	10" SLOT	
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25.0	(OUTWAS	H / TILL?)	– 23.0 — <del>1</del>			
25.0	(OUTWAS	H / TILL?) NG 25.0	- 25.0 - <del>4.00</del> 20			
25.0-	(OUTWAS	H / TILL?) NG 25.0	23.0 — 4422			
25.0-	(DUTWAS	H / TILL?) NG 25.0	23.0 —— 1			
25.0-	(OUTWASI	H / TILL?) NG 25.0	23.0 —			
25.0-	(OUTWAS)	H / TILL?) NG 25.0	CONSTRU	CTION MATERIAL	S SUMMARY	
	END OF BOR	NG 25.0	44.4	CTION MATERIAL		
TI CASING	END OF BOR	NG 25.0	10.0 j.c. MA	TERIAL	TYPE USED	INSTALLATION METHOD
IL CASHO	END OF BOR	NG 25.0	10.0 I.f. MA	TERIAL	TYPE USED	CRAMTY
IL CASING SING TYPE IL SOREEN	2.0	NG 25.0	10.0 j.r. MA FLTE/ 15.0 j.r. SENT	TERIAL  I PACK  MIE SEAL	TYPE USED #1 SAND BENTONITE	GRAVITY GRAVITY
IL CASHO	2.0	NG 25.0	10.0 j.t. MA	TERIAL  R PACK  WITE SEAL  CE	TYPE USED	CRAMTY

			NG WELL I.V.		
					7386.010 SHEET of1
					NA RISER ELEV. NA
					14.72 (DEPTH) TIME/DATE10/01/93
TEMP	NA DALL RIC	obiie 8-57	DRILLER <u>C. Rustemeyer</u>	STARTEDOS	9/28/93 COMPLETED 09/28/93 THE / BATE
LOCATION /	COORDINATES NOT CURRENT	LY AVAILABLE			
DEPTH	SOIL / LITHOLOGY		WELL SKETCH	<u>.                                    </u>	MATERIALS LEGEND
24.12	BOIL / EILEOLOGI		WELL DEDICE	<del>-</del>	- FRIENCES ELGEND
		ŧ			PEA GRAVEL FINE SAND
		<u>F</u>	A" DIAM	STEE!	T REPART COARSE
		د-	PROTEC	STEEL TIVE COVER	CEMENT COARSE SAND
۰۰ 0.0 مه	TLL, S₩		200	- · · · · · · · · · · · · · · · · · · ·	BENTONITE CAVE-IN
	,	È	-boreho	e diam = 4.25 in.	
		1.5		7,20 111	₹ ØROUT
		20	- (44)		INSTALLATION NOTES
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		E	2" SHC	40. PVC RISER	
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		Ē	with 0.	DIO" SLOT	
10.5		ļ:			WELL DEVELOPMENT NOTES
16.5	SP .	ŧ			Well developed on 10/04/93.
7.3		ŧ.			- Sug tent results:
		<b>:</b>			K(h): 9.80 E-03. Hyperslev K(H): 5.68 E-03. Bouwer & Rice
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		CONS	TRUCTION MATERIA	LS SUMMARY	
CLL CASING			MATERIAL	TYPE USED	INSTALLATION METHOD
ASHC TYPE .			FILTER PACK	#1 SAND	GRAVITY
MOL SOMEDI			SENTONTE SEAL	BENTONITE	GRAMITY
SCREEN TYPE				EMENT/BENTONITE	
WELL COVER				EMENT/CONCRETE	
ORILING FLUID					

		PROJECTEA		2 \ GE \ PITTSFIEL		386.010 SHEET of 1
WEATHER _	NA .	OFFLING METHOD .	4.25° Ho	ollow Stam Auger	WATER ELEV15	5.90 (DEPTH) THE /DATE 10/01/93
"DIP	NA	DRILL RIC MC	Die B-57 DRE			/27/93 COMPLETED 09/28/93
LOCATION ,	/ COORDINATES	NOT CURRENT	LY AVAILABLE			R / DATE
DEPTH	SOIT /	LITHOLOGY		WELL SKETC	H	MATERIALS LEGEND
	<u> </u>					PEA CRAVEL FINE SAND
				4" DIA PROTE	M. STEEL CTIVE COVER	CEMENT COARSE SAND
O.D	FILL					BENTONITE CAVE-IN
<u>.</u> -			1.5	bore	jole dîcem = 4.25 in.	С С С С С С С С С С С С С С С С С С С
			20			INSTALLATION NOTES
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•				2 s	HD 40, PVC RISER	
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6.0	FILL. SP		8.0			
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-120			- <u>-</u>	2.9	HD 40, PVC SCREEN 0.010" SLOT	
• •			<u> </u>		0.010 3001	WELL DEVELOPMENT NOTES
			_			Well developed on 10/01/93.
-17.5			-			-Slug test results:
•			i i			K(h): 1.11 E-04. Hyorstey K(h): 3.19 E-05. Bouwer & Rice
19.0	FILL, SM		- -			
- <b></b> 20.0-			20.0 —			
20.0	END OF BOR	NG 2D.0	<u> </u>			
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25.1			<u>.</u>			
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			CONSTR	RUCTION MATERI	ALS SUMMARY	
METT CYZINO				MATERIAL	TYPE USED	INSTALLATION METHOD
CASING TYPE		SCH 40 PVC		Liter fack Entonite seal	#1 SAND BENTONITE	GRAVITY GRAVITY
SCREEN TYPE		PVC, 0.010 SLO	_	ROUT SEAL	CEMENT/BENTONITE	GRAMITY
METT CONEL	· ·	4" DIAM. STEEL		URFACE CEMENT-	CEMENT/CONCRETE	GRAYIY
DAILUNG FLU	JO	NONE USED				

					INSTALLATIO	
#ETT 40	ES2-11	PROJECTEA	ST STREET AR	EA 2 \ GE \ PIT	TSFIELD REF HO 8	7386.010 SHEET of
INSPECTOR N	I.A. Williams	DRILLING COMPANY	<u> </u>	on Berkshires, Inc	CROUND ELEY: _	NA RISER ELEV. NA
WEATHER						12.52 (DEPTH) THE/DATE10/01/93
TD4P					terneyer STARTED 0	9/30/93 COMPLETED 09/30/93 THE / DATE
LOCATION /	COORDINATES .	NOT CURRENT	LY AVAILABLE			, , , , , , , , , , ,
DEPTH	SOT /	LITHOLOGY		WELL SI	CETCH	MATERIALS LEGEND
- DEL 1 H	3010 /	MINDLOGI	<u> </u>	11 11 11 11	штон	
Ē l			E			PEA GRAVEL FINE SAND
-			<b>F</b>		45 avv. a	DEMENT COARSE SAND
E			E		4" DIAM. STEEL PROTECTIVE COVER	3 CEMEN SAND
0.0	5P		- ao			BENTONITE CAVE-IN
			E		-borehole díam = 4,25 in.	GROUT [
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			20	- 1		INSTALLATION NOTES
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12.9			<u> </u>		-2" SHO 40, PVC SCREEN	
					with 0.010" SLOT	<del> </del>
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14.0			Ē			3
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-			_			WELL DEVELOPMENT NOTES
[			ŧ			Well developed on 10/01/93.
-17.0			_			Sug test results:
			-			K(h): 3.51 E-03. Hyorsley
<u> </u>			_			K(h): 1.78 E=03. Bouwer & Rice
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_	2.0					INICIALLY A TON LICENSON
WELL CASING		SCH 40 PVC			TYPE USED	INSTALLATION METHOD  CRAVITY
CASING TYPE				FILTER PACK	BENTONITE	DRAVITY
WELL SCREEN TYPE		% da PVC, 0.010 SL0		BENTONTE SEAL _	HONE	NA NA
WELL COVER		4" DIAM, STEE		SURFACE COMENT -	CEMENT/CONCRETE	
DESTRING STATE		NONE USED		SURFACE CEMENT -	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	
DESCRING FLUID	Z	110112 0300				

				\$6.010 SHEET 1 of 1				
HSPECTOR M.A. V	Milliams DRILLING COMPANY	Geon Berkshires,	Inc. GROUND ELEY.	NA RISER ELEV. NA				
I .				.55 (DEPTH) THE /DATE 10/01/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93 // 10/93				
	DRILL RIC	DHO B-3/ ORLIERO. T	Usterneyer STARTED 09	729/93 COMPLETED 09/29/93				
LOCA / COORD	INATES - 1407 GORREST	T ATRICAUGE						
DEPTH SO	OIL / LITHOLOGY	MEIT	SKETCH	MATERIALS LEGEND				
DEPTH SC	DIL / LITHOLOGY	Y AVAILABLE	SKETCH  4* DIAM. STEEL PROTECTIVE COVER  -borehole diam = 4.25 in.  -2* SHD 40, PVC RISER  -2* SHD 40, PVC SCREEN with 0.010* SLOT					
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CONSTRUCTION MATERIALS SUMMARY								
WELL CASING	2.0 h da	4.45 Lt MATERIAL	TYPE USER	INSTALLATION METHOD				
CASING TYPE	SCH 40 PVC	FLIER FACK	#1 SAND	BRANTY				
WELL SOMEEN		15.0 LE BENTONTE SEAL		CRAMITY				
SCREEDI TYPE	PVC, 0.010 \$L0	OROUT SEAL	NONE	NA				
METT COAGE	4" DIAM, STEEL	SURFACE CENEN	CEMENT/CONCRETE	GRAMIY				
DRILLING PLUID.	NONE USED	<del></del>						
			<del></del>					

							6.010 SHEET 1	or1
NSFECTOR.	M.A. Williams	DRILLING COMPANY	<u>a</u>	on Berkshires, Ir	nc. GROU	IND ELEV.	NA RISER ELEV.	
							05 (DEPTH) TIME/DATE _	
TD42	NA	NOT CURRENT	Dile 8-57	ORLLER <u>G. Ru</u>	stemeyerSTAR	TED <u>USI/-</u> T≌€ /	NAME COMPLETED T	09/30/93
LOCATION ,	COORDINATES .	NOT CORRECT	CI VACIFARDE					
DEPTH	SOIL /	LITHOLOGY		WELL S	KETCH		MATERIALS	LEGEND
	FILL		1.5		4" DIAM. STEEL PROTECTIVE COVE -borehole diam = -2" SHD 40. PV0	• 4.25 in.	PEA CRAVEL	FINE SAND COARSE SAND CAVE-IN
7.9 93			8.0 8.0				WELL DEVELOPE	ARNT NOTES
7.3		<u>-</u>	14.00		-2" SHD 40. PVC with 0.010" SLO	SCREEN	Wall developed on 10/0 Sing test results: K(h): 8.72 F-04. Hison K(h): 3.99 E-04. Souw	1/93.
F 23.07	END OF BORI	NG 25.0			_	}	· <del></del>	
<b>[</b>			<u>:</u>			1		
			•		•	}		
<u> </u>		<u></u>	·					
			CONS	TRUCTION M.	ATERIALS SUM	OLARY		
AST CYRING	2.0	h da	10.0	MATERIAL	TYPE !	USEIL	INSTALLATIO	N METHOD
CASHC TYPE		SCH 40 PVC		FILTER PACK	#1.5			MTY
WELL SOMETH		h. de	15.0	SENTONTE SEAL	BENTO	ONITE		VTY
SOREEDI TYPE		PVC. 0.010 SLO	<u> </u>	GROUT SEAL	CEMENT/B			<u>MIX</u>
WELL COVER		4" DIAM, STEEL	<u> </u>	SURFACE CEMENT-	CEMENT/C	CONCRETE	GRA	MIX
DATTING UTIL	ID	NONE USED			· · · · · ·			····
L				****				

MELL NO 9R PROJECT EAST STREET AREA 2 \ GE \ PITTSFIELD REF NO 87386.010 SHEET : of 1									
					TELLO REF NO				
NSPECTOR.	ALA. HILLUMENTE	ORILLING COMPAN	<u>بات</u> * عدم الا	Hollow Stem Auger	GROUND ELEV 14	NA RISER ELEV. NA  .35 (DEPTH) TIME/DATE 10/01/93			
	TENP NA CRIL RIC Mobile 8-57 DRILER G. RURTOTTOYET STARTED 09/27/93 COMPLETED 09/27/93.  LOCATION / COORDINATES NOT CURRENTLY AVAILABLE								
BUAHUM / COOKBINATED									
DEPTH	SOIL /	LITHOLOGY		WELL SKET	CH	MATERIALS LEGEND			
			:						
Ė	1		Ė			PEA GRAVEL FINE SAND			
-	1		•	4* 1	DIAM STEEL	CEMENT COARSE SAND			
E 00-			<u> </u>	PRO	ITECTIVE COVER	1			
Ē	FILL, SM		<u>E</u>	<b>2</b> -50	rahola diom = 4.25 m.	BENTONITE CAVE-IN			
Ŀ	•		<u>.</u>			d [™] □ CROUT □			
Ē.			1.5 —	1998888 1999888					
- 23			-	NOTES 1027904	940 40, PVC RISER	INSTALLATION NOTES			
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F-54	<b>!</b>					<b></b>			
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<u>E</u>			Ē	930					
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12.9			E.	7	SHO 40, PVC SCREEN				
Ė			Ė	wit	n 0.010" SLOT	<del></del>			
<u> </u>			<u> </u>						
<b>[</b> ]			<u> </u>						
- 1440			Ė		•				
<b>.</b>			<b>;</b>			WELL DELIGIODACTOR MOTES			
-			-		•	WELL DEVELOPMENT NOTES Well developed on 10/04/93.			
Ė I			Ė						
-74			<b>;</b>		•	Sug test results: 1 K(h): 1.05 E=03. Hyorsley			
E			Ę			K(h): 4.77 E-04. Bouwer & Rice			
F			Ē		•	]			
F									
20.0	END OF BOR	NG 20.0	F #10-		•				
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						3			
			CONS	TRUCTION MATE	RIALS SUMMARY				
MEIT CYZINC	2.0	h da	5.0 1.7.	MATERIAL	TYPE USED	INSTALLATION METHOD			
CASING TYPE		SCH 40 PVC	<u></u>	FLTER PACK	#1 SANO	GRAMTY			
WELL SORED	. 2.0	h da	15.D 14	BENTONTE SEAL	BENTONITE	GRAMTY			
SCREED! TYPE	<u> </u>	PVC, 0.010 SLC		OROUT SEAL	NONE	NA			
METT COVES		4" DIAM, STEE	<u> </u>	SURFACE CENENT-	CEMENT/CONCRETE	GRAMIY			
опшне ги	10	NONE USED							

RECOVERY WELL INSTALLATION LOG									
		PROJECTEA				_ REF HO	87386.010		
NSPECTOR.	M.A. Williams	DRELLING COMPANY	Empire -	Soils Investigat	ions, Inc	GROUND ELEV.		POSEDY ELEV.	
WEATHER _	NA	DRELLING METHOD	10 5/8	Hollow Stem	Auger		-14.54 (DEPTH	) TIME/DATE _	
TOIP		DRLL RICFO		ORLLER	E_Cole	STARTED	TME / SATE	COMPLETED _	10/28/93 TME / SATE
LOCATION ,	COORDINATES	NOT CURRENT	LY AVAILABLE						
DEPTH	SOIL /	LITHOLOGY		WELL	SKETCH			MATERIALS	LEGEND
	NOT LOGGED	LITHOLOGY	-0.3 — 1.5 — 20 —		10" DIAM. PROTECTIV WITH LOCK	STEEL E COVER IING CAP diam = 10.625	P in.	ea gravel Ement Entonite	FINE SAND COARSE SAND CAVE-IN
-7.5 - 10.3	ક		8.0 — 9.0 —						
-1840 -1748 17.5-	SW-SP		<b>₹</b>			LESS STEEL with 0.060° SL(	Well devel	DEVELOP	MENT NOTES
-77.3 17.54 -20.6	SM SP								
-36.0 25.0·	GW-GP END OF BOR	NG 25.0	24.0 23.0						
· ·		1	<u>-</u>				1		
			<u> </u>				<del></del>		
			CONS	TRUCTION	MATERIALS	SUMMARY			
WELL CASING	8.0	h. da	2.5 i.r.	MATERIAL		TYPE USED		INSTALLATI	ON METHOD
		READED, STAINL			-	#3 MORIE		•	MTY
WELL SCREEN		h de				BENTONITE		CRA	MTY
SOREEN TYPE STAINLESS STEEL GROUT SEAL CEMENT/BENTONITE GRAYI					***************************************				
		10" DIAM, STEE		SURFACE CONEN		MENT/CONCRET			MTY
				Junior Control					
OPEILING PLUE NONE USED									