Well Log # 123/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

	Depth, Ft. (M	O Soil Description	Well No. (W-4) S-4	
	3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Blow Counts/6"	Location Woburn, MA	
			WODULH, MA	
	• :		Owner U.S. EPA	
			Ground Elev. 53.5' MSL	
			Driller Geo-Metrics,	
		•	Drilling Completed 7/1	Line.
	11 11	•	Type of Rig Truck Mour	
	Post Hora		WELL DATA -	100
•	L U U	A	Well Diam. 1.4" ID	
		top soil	Depth 91'	
		٠	Screen Diam. 1.4" ID	
			Screen Setting 4-91'	
_			Screen Type Schedule 80	PVC
5		top soil	0.01" Slot	
		cop soil	Well Type Monitoring	
			Static Water Level 5'	
		•	Date Measured 10/30/81	
	l'o⊟'n1		WATER QUALITY	
	lo∵⊟o∷l	M-C BrY silt and sand, some cobbles.		
10	1 0 0	20-10-10-8	No. of Samples	
•			Type of Samples Priori	ty
		•	Pollutant	
	∤ :::: →]::::1	· · ·		
		·	Date Sampled 11/30/81	
45		F-M T sand 5-4-7-6	Samplers Cook, Porter	
15	1: ::: 1		Will be Analyzed for	
		•	·	
		•		
				•
20		F-M T sand 4-3-5-5	Sampled for Priority Po	ollutant
	::: ::		Organics 11/3/81	
	+			
			-	
		G		
25		Gr, F sand, silt 4-4-3-3	-	
			DEVINA	
			REMARKS	`
30		Gr. fine sand, silt $W/R-1-2-2$.		····
				
			SOIL DESCRIPTION ABBREY	 94017ATU
				Br-brown
		•		Bl-black
	<u>∺.</u> ∺ - ;;;;			K-yellow '
35-		Gr. fine sand and silt 4-2-2-2		r-ten
		paper roer		Gr-grey
_	.,	••	- Arman And Curies	R-red

Well Log # 123/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

·		
Depth, Pt. (M)		Well No. (W-4) S-4
	Blow Counts/6"	Location
FT - 11 1		
		Owner U.S. EPA
		Ground Elev.
		Driller Geo-Metrics, Inc.
· - : : - : :		Drilling Completed
		Type of Rig Truck Mounted
40	Gr. fine sand and silt 4-10-10-10	WELL DATA
***		Well Diam. 1.4" ID
		Depth
:÷:}- :+:		Screen Diam. 1.4" ID
	•	Screen Setting
		Screen Type Schedule 80 PVC
		0.01" Slot
45	Gr. fine sand and silt, trace of claw. W/R-2-5-7	By Vall Tune Variation
	W/R-2-5-7	well type Monitoring
		Static Water Level
		Date Measured
		WATER QUALITY
	•	Samples Taken Yes No
501:-:	Gr. fine sand and silt, trace of cla	No. of Samples
	3-6-4-4	Type of Samples
		•
		Date Sampled
	• •	Samplers
55	Gr. fine sand and silt, trace of cla	
33] - :- -	6-5-4-4	
	0-3-4-4	
	•	
601	Gr. fine sand and silt, 5-6-12-10	
	·	
1:5:3:1-1:5:1	• •	
-:-: -:-		
65	Gr. fine sand and silt 5-7-6-5	
		REMARKS
		•
	•	
70	G. fine sand and silt, trace of clay	
	3-5-5-6	
	· · ·	SOIL DESCRIPTION ABBREVIATIONS
		Trace 0-10% C-Coarse Br-brown
	• •	Some 10-40Z M-Medium Bl-black
	•	And 40-50% F-Fine Y-yellow
		T-tan
75	Gr. fine sand and silt 1/W/H-2-3	
recycled	chaper dolor	Gr-grey
JECYCIE	U DADEY	erology and environment R-red

Well Log # 123/3
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Ovocr U.S. EPA Ground Elev. Driller, Geo-Netrics, Inc. Drilling Completed Type of Rig Truck Mounted Type of Rig Truck Mounted Type of Rig Truck Mounted Well Data 19-18-15-100/2 1/2" Botton Screen Setting Screen Set	Dep	th,	Pt.	(M)			Description Counts/6 ¹⁸		Well No. (W-4) S-4 . Location .	
Cround Elev. Driller Geo-Netrics, Inc. Drilling Completed Type of Rig Truck Mounted Well DATA 19-18-15-100/2 1/2" Bedrock Static Water Level Date Measured WATER QUALITY Samples Taken Tes No No. of Samples Type of Samples Date Sampled Samplers Will be Analyzed for Soil DESCRIPTION ABBREVIATIONS Trace O-10% Te-Coarse Br-brown Some 10-40% M-MERG MB-black Soil DESCRIPTION ABBREVIATIONS Trace O-10% C-Coarse Br-brown Some 10-40% M-MERG MB-black Soil Description Abbreviations Trace O-10% C-Coarse Br-brown Some 10-40% M-MERG MB-black And 40-50% F-Fine Y-yellow T-tan Trolog and environment Trace C-10% C-Coarse Br-brown Some 10-40% M-MERG MB-black And 40-50% F-Fine Y-yellow T-tan Trolog and environment Trace C-10% C-Coarse Tr-brown Some 10-40% M-MERG MB-black T-tan Trolog and environment T-tan Trolog and environment T-tan Trolog and environment Tr-tan Trolog and environment Trolog	-	- , , ,								
Driller Geo-Metrics, Inc. Drilling Completed Type of Rig Truck Mounted	- 1									
Drilling Completed Type of Rig Truck Mounted Type of Rig Truck Mounted Well Diam. 1.4" ID Depth Screen Diam. 1.4" ID Screen Setting Screen Type Schedule 80 FVC O.01" Slot X	Ł	-:-:	Н					•	Driller Geo-Metrics, Inc.	
Type of Rig Truck Mounted Type of Rig Truck Mounted Well Diam. 1.4" ID Depth Screen Diam. 1.4" ID Screen Setting Screen Type Schedule 80 PVC 0.01" Slot X X X X X X X X X X X X X X X X X X X X X X Bedrock Be					•				Drilling Completed	
Gr. fine sand, silt, trace of gravel 19-18-15-100/2 1/2" Gr. fine sand, silt, trace of gravel 19-18-15-100/2 1/2" Bepth Screen Diam. 1.4" ID Screen Setting Screen Type Schedule 80 PVC 0.01" Slot Well Type Monitoring Static Water Level Date Messured Samples Taken Tes No No. of Samples Type of Samples Date Sampled Samplers Will be Analyzed for SOIL DESCRIPTION ABBREVIATIONS Trace 0-107 C-Coarse Br-brown Some 10-407 M-brdims Bi-black And 40-507 F-Fine T-yellow T-tam	ŀ	-		· ÷ :		• .	• • • •	•	Type of Rig Truck Mounted	
Gr. fine sand, silt, trace of gravel 19-18-15-100/Z 1/2" Cr. fine sand, silt, trace of gravel 19-18-15-100/Z 1/2" Screen Diam. 1.4" ID Screen Setting Screen Type Schedule 80 PVC 0.01" Slot Well Type Monitoring Static Water Level Date Measured WATER QUALITY Samples Taken Yes No. No. of Samples Type of Samples Type of Samples Will be Analyzed for Some 10-40Z H-Ardium Bi-black And 40-50Z F-Fine T-egycle paper Technic and controlment Trace 0-40Z F-Fine T-yellow T-tain Technic and controlment Trace Technic and controlment	i	= 1		<u> </u>	••	•	•		WELL DATA	
19-18-15-100/2 1/2" Depth Screen Diam. 1.4" ID Screen Setting Screen Type Schedule 80 PVC 0.01" Slot Well Type Monitoring Static Water Level Date Marger Guality Samples Taken Tee No. of Samples Type of Samples Type of Samples Date Sampled Samplere Will be Analyzed for Soil Description Abbreviations Trace 0-10% C-Coarse Br-brown Some 10-40% F-Medium Bl-black And 40-50% F-Fine T-yellow T-tain Tesper Served paper	801	<u>- υ</u>		2	Gr. fine	sand.	silt, trace	of gravel		
Screen Diam. 1.4" ID Screen Stating Screen Type Schedule 80 PVC 0.01" Slot N X X X X X X X X X X X X X X X X X X	٦٠	בת.		:-:0	19-18-15-	·100/2	1/2" ·	_		
Screen Setting Screen Type Schedule 80 PVC O.01" Slot Well Type Monitoring Static Water Level Date Measured WATER QUALITY Samples Taken Tes No No. of Samples Type of Samples Date Sampled Samplare Will be Analyzed for Soil Description Abbreviations Trace 0-10X C-Coarse Br-brown Some 10-40X Medium Bl-black And 40-50X F-Fine Y-yellow T-tan Vecycle paper	i	·-o	\vdash	Ψ.		• •	•		Server Diem 1 A" ID	
Screen Type Schedule 80 PVC O.01" Slot Well Type Monitoring Static Water Level Date Measured No. of Samples Type of Samples Type of Samples Date Samples Will be Analyzed for SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% T-Medium Bl-black And 40-50% F-Fine Y-yellow T-test Test Test Test Test Test Test Test				<i>:</i> 7	•		•	_		
85- X X X X X X X X X X X X X X X X X X X	1	ب0ب		σ_{-}		•		•	Screen Setting	
85 X X X X X X X X X X X X X X X X X X X		XX		X X	•	•	•	•	O O'' Clor	
Static Water Level Date Measured WATER QUALITY Samples Taken Yes No No. of Samples Type of Samples Date Sampled Samplers Will be Analyzed for REMARKS 110 SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tam recycle paper	95							•		,
Soll Description Abbreviations Soll Description Abbreviations Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine T-yellow T-tan recycle paper Samples Taken Tes No No. of Samples Type of Samples Date Sampled Samplers Will be Analyzed for Soll Description Abbreviations Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine T-yellow T-tan T-tan recycle paper	93]	•			Bedrock		•		Well Type Monitoring	
Samples Taken Tes No No. of Samples Type of Samples Date Sampled Samplers Will be Analyzed for SOIL DESCRIPTION ABBREVIATIONS Trace 0-10Z C-Coarse Br-brown Some 10-40Z H-Medium Bl-black And 40-50Z F-Fine T-yellow T-tan T-tan Cregrey			\vdash	1 1	_					
Samples Taken Tes No No. of Samples Type of Samples Type of Samples Date Samplers Will be Analyzed for Samplers Will be Analyzed for REMARKS 110- SOIL DESCRIPTION ABBREVIATIONS Trace 0-107 C-Coarse Br-brown Some 10-407 M-Medium B1-black And 40-507 F-Fine T-yellow T-tan T-tan Cregrey		*		X		•	•			
No. of Samples Type of Samples Date Sampled Samplers Will be Analyzed for REMARKS 110 SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan revolves paper		××	\vdash	ХX			_	•		
90 XX XX Type of Samples Date Sampled Samplers Will be Analyzed for Will be Analyzed for REMARKS 110- SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tam revolves paper		X		l v l		·	•			
Date Sampled Samplers Will be Analyzed for REMARKS 110 SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan realize, and environment Gr-grey	امو				•					
Date Sampled Samplers Will be Analyzed for Will be Analyzed for REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan	1	×	-	^^					Type of Samples	
Samplers Will be Analyzed for	•						•	•		
Samplers Will be Analyzed for		. •			•			•		
Will be Analyzed for Will be Analyzed for REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tain recycle paper recycle paper			1					•		
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% H-Medium B1-black And 40-50% F-Fine Y-yellow T-tain recycle paper		ł	1	.	. •		•	•	Samplers	
REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan recycle paper recycle paper recycle paper cycle, and environment Gr-grey	05					}	•		Will be Analyzed for	
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey	95	1	ł			,	•			
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey	. •	ĺ	ł				. •	*		
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey	•	1	1		•		•			
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey		1	1	1		-				
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey				1						
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey		•							<u> </u>	
REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey	100.	1 .	1.			. •				
REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey		1	l				•			
REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey		1	1		•		• •			
REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey		1	1				•	:		
REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey		i		-			•			
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey	INE.]	ı							
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey	102.	}	1	1	•	•	•			
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey		I		·		•	ì		REMARKS	
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey		İ		·		• -•			•	
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey		1	1		•			•	· · · · · · · · · · · · · · · · · · ·	
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey										
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey	110]	1		·		•	•		
Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey										ZKOT
Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey		}	1							TONS
And 40-50% F-Fine Y-yellow T-tan recycle paper ecology and environment Gr-grey									21000 0 200 0 000000	
T-tan recycle paper ecology and environment Gr-grey			Ì	1					DOME 10 4010 11 11022	
recycles paper ecology and environment Gr-grey		1	1	I				•		
	115	1		, acuala						
		1	ı		i .		•	•		

Well Log # 125/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

	•
Depth, Ft. (M) Soil Description	Well No. (W5) S5 .
Blow Counts/6"	Location Woburn, MA
	•
	Owner U.S. EPA
	Ground Elev 54' MSI.
	Driller Geo-Metrics, Inc.
. ↑ *	Drilling Completed 7/7/81
11 11	Type of Rig Truck Mounted
1000	WELL DATA
	Well Diam. 1.4" ID
Br M Sand 1-3-5-5	Depth 65.5'
	Screen Diam. 1.4" ID
	Screen Setting 4'-65.5'
	Screen Type Schedule 80 PVC
5 三型 Br Silt and F Sand 9-12-14-15	0.01" Slot
	Well Type Monitoring
	Static Water Level 2' 11"
	Date Measured 10/30/81
- <u>-</u>	WATER QUALITY
- <u>-</u> - - <u>-</u>	Samples Taken Yes X No
O Br Silt	No. of Samples
: I-IHI-I	Type of Samples Priority
F	Pollutant
	Date Sampled 11/30/81
	Samplers Cook, Porter
5	Will be Analyzed for
	•
Br F Sand 1-3-7-7	
	Sampled for Volatile
어용 그용 기	Organics 11/3/81
Br F-M Sand 6-7-8-10	•
Br F Sand grading to Br-Gr Silt	
with trace clay 10-12-15-17	•
5	
	, REMARKS
o!∷=::::3	
	• •
Br F-M Sand 3-8-9-11	SOIL DESCRIPTION ABBREVIATIONS
	Trace 0-10% C-Coarse Br-brown
70: 100 m 2000	Some 10-40% M-Medium Bl-black
Thin beds of F Silts, Clay and	Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan
Thin beds of F Silts, Clay and	Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow

Well Log # 125/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

		•	
	Depth, Ft. (M)	- Description	Well No. (W-5) S-5
		Blow Counts/6"	Location
			Owner U.S. EPA
			Ground Elev.
			Driller Geo-Metrics, Inc.
•			Drilling Completed
			Type of Rig Truck Mounted
4	이 🌣 🗀 🔛		WELL DATA
			Well Diam. 1.4" ID
		Rr F Sile and Silve C a a	Depth
		Br F Silt and Clay 8-8-8-7	Screen Diam. 1.4" ID
			Screen Setting
		•	Screen Type Schedule 86 PVC
4	51 ::-	•	0.01" Slot
			Well Type Monitoring Static Water Level
		Bedded Br Silt, Trace Clay	Date Measured
		4-7-7-20	WATER QUALITY
		•	Samples Taken Yes No
E C		· :	No. of Samples
50		•	Type of Samples
•	送 2□○云。	•	
•••	Co Co Co Co Co Co Co Co Co Co Co Co Co C	Gravel, Some Silt, Trace Clay (TILL)	Date Sampled .
		94-63-30-27	Samplers
55		B. 6	Will be Analyzed for
33		Refusal at 54'7" 55-100/1"	
	x日x		
	x x口x x		
		Bedrock	
	x x x x		
60	4 17 1	•	•
	X日X		
	X X目X X		•
	X E X		
	x x⊟x x		
	x日x		
65-	×× =×x		
			REMARKS
			VELIVIN'S
ı		•	
70-		· .	
יט'ן		•	
1			SOIL DESCRIPTION ABBREVIATIONS
ı	111	•	Trace 0-10% C-Coarse Br-brown
J		•	Some 10-40% M-Medium Bl-black
į		•	And 40-50% F-Fine Y-yellow
75-	1 1 1		T-tan
	ecycled pan	;	ecology and environment Gr-grey
	77,0100 000		ecolog), and gavirument inc. Dawn

Well Log # 124/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A Date Prepared 11/30/81 Prepared By M. Hanley

Depth, Ft. (M	O Soil Description	Well No. (W-6) S-6	
	Blow Counts/6"	Location Woburn. MA	
		Owner U.S. EPA	
71 15		Ground Elev. 57.5' MSL	<u> </u>
11-11		Driller Geo-Metrics,	ine.
11 11		Drilling Completed 7/	14/81
		Type of Rig Truck Mou	
	·	WELL DATA	
KXXI IXXX	Fill	Well Diam. 1.4" ID	
	• • • • • • • • • • • • • • • • • • • •	Depth 94:	
		Screen Diam. 1.4" ID	
0-1-0	:	Screen Setting 4-94'	
. lo		Screen Type Schedule 8	O PVC
	T and add	0.01" Slot	
ō_ = = ō	T. sand and silt, some cobbles. (Till) 7-18-23-25	Well Type Monitoring	
	(1111) /-10-23-23	Static Water Level 8:	
		Date Measured 10/30/8:	
		WATER QUALITY	
0	:	Samples Taken Yes x	No
		No. of Samples	
	T. C. sand and silt, some cobbles	Type of Samples Priorit	y Pollutan
-0=0-·	(Till) 8-13-33-60		
			
-0; -0:	•	Date Sampled 11/30/81	
		Samplers Cook, Porter	
151 -0 -: 0	T. sand and silt, and clay, some	Will be Analyzed for	
1	cobbles (Till) 27-40-93-50/2"		
		•	
1-0H -24	•	Sampled For Volatile (\i
		11/3/81	rganics
20	T-Gr. sand and silt, Trace of clay,	22/3/02	
	cobbles (Till) 54-100/3"		
			•
			<u> </u>
			
25	T-Gr. clay, silt and sand (till)		
	100/4"		
		201/2014	
	• !	REMARKS	
		·	
301	T.Gr. clay, silt and sand (till)		
	64-90-112		
		SOIL DESCRIPTION ABBR	
		Trace 0-10% C-Coarse	Br-brove
		Some 10-40% M-Medium	Bl-black
	·	And 40-50% F-Fine	Y-yellow
35	T., Gr. clay, silt and sand and gravel		T-tan
ecycled lecycled	201111) 100/4"	armori and current	Gr-grey
	* * * * * * * * * * * * * * * * * * * *	scojots 1864 Estilus Gray gar-	R-red

Well Log # 124/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

		Hanley
Depth, 7t. (M) Soil Perenicia	
		Well No. (W-6) S-6
	Blow Counts/6"	Location
•		
14.4		0
		Owner U.S. EPA
		Ground Elev.
	'	Driller Geo-Metrics, Inc.
14-11-4	4	Drilling Completed
	<u> </u>	Type of Rig Truck Mounted
	过 . <u>~</u>	Truck mounted
	T. Gr. clay, silt and sand, gravel	WELL DATA
L' → a□ o ··	(Till) 35-53-46-50	werr Diam. 1.4" ID
10:51-1-1:	₹	Depth
デードロナみ	위	Screen Diam. 1.4" ID
	<u>2</u>	Screen Setting
1. · · · · · · · · · ·	· ·	Screen Tune Col. 1 1
10-10 H	Tr. Gr. clay of a	Screen Type Schedule 80 PVC
120-1-0	Tr. Gr. clay silt and sand, some	0.01" Slot
	gravel and boulders (till) 100/6	Well Type Monitoring
[·+·C□:Q÷	.1	Static Water Level
-03-1A	1	Date Measured
10==	X	THE STATE OF THE S
100-HO-2		WATER QUALITY
	T present A	Samples Taken Yes No.
[Q-O□ Q-	T. gravel, trace of clay some silt	No. of Samples
一つ口が	(till) 100/4"	Type of Samples
-QO 0-		
- <u>0</u> 0 0 0 0		
		Date Co
0015	·	Date Sampled
		Samplers
0-0-0-	Tr. T. clay, silt and sand, some	Will be Analyzed for
00-100	gravel (Till) 52-100/5"	
	0 - 1-11/ 32-100/3	
ショグ		
C ロシ		
OXHX	\$ • •	
$\sigma U \square U \sigma$	boulder, gravel	
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オーロージ		
	Gr. F-M sand and silt with cobbles	
ויס:ו-ותי:	(Till) 7-37-52-71	BEWARKE
. ~	•	REMARKS
·		
	•	
	Gr. f-m sand and silt with coher-	
	Gr. f-m sand and silt with cobbles	COV. DOCUMENT
	Gr. f-m sand and silt with cobbles 13-57-100/4"	SOIL DESCRIPTION ABBREVIATIONS
	Gr. f-m sand and silt with cobbles 13-57-100/4"	Trace 0-10% C-Coarse Br-brown
	Gr. f-m sand and silt with cobbles 13-57-100/4"	SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Wadin Billion
	Gr. f-m sand and silt with cobbles 13-57-100/4"	Some 10-40Z M-Medium Bl-black
		Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-vellow
	T. silt, trace of sand 2" longer of the	Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-vellow
	Gr. f-m sand and silt with cobbles 13-57-100/4" T. silt, trace of sand 2" lenses of classes 25-50/100	Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-vellow

Well Log # 124/3
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth	. Ft.	(н)	Soil Description	Well No. (W-6) S-6 .
			Blow Counts/61	Location
<u> </u>	라ー	-		Owner U.S. EPA
13.				Ground Elev.
÷÷.				Driller Geo-Metrics, Inc.
-	-:[Drilling Completed
.÷.∵				Type of Rig Truck Mounted WELL DATA
80		÷	silt, sand and boulders (till)	WELL DATA
	-	7.7	120/5"	Well Diam. 1.4" ID
,				Depth
, − Q		. ∵ 0		Screen Diam. 1.4" ID
Ō	∵q—	-0		Screen Setting
		-0		Screen Type Schedule 80 PVC
85 X		XX	•	0.01" Slot
		X		Well Type Monitoring
X		XX		Static Water Level
X		X	•	Date Measured
X		XX	Padwach '	WATER QUALITY
X		xX	Bedrock	Samples Taken Yes No
90 X		^x^		No. of Samples
90 X	$\mathbf{x} =$	×χ		Type of Samples
l îx		X	•	
. * X		X _X X		•
x [×]	いロ	xx	•	Date Sampled
<u> </u>	^	<u>^ ~</u>	• •	Samplers
		1	•	Will be Analyzed for .
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105	. 1			
1	1	•		REMARKS
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110				-
	1	1		SOIL DESCRIPTION ABBREVIATIONS
Ì				Trace 0-10% C-Coarse Br-brown
1	J		•	Some 10-40% M-Medium Bl-black
		ļ		And 40-50% F-Fine Y-yellow
1		1		T-tan
115	1	1	<u> </u>	Gr-gre y
ı	•	T	U . Md to man	and when and surjection were Revent

Well Log # 121
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Bepth, Ft. (N) Soil Description Blow Counts/6" Doner U.S. EFA Ground Elev. 91' NS. Drilling Completed 6/24/81 Type of Rig Truck Mounted Well No. Well Data Pill 1-7-11-9 Pill 1-7-11-9 Pill 2-6-8-5 Fill 2-				
Fill 1-7-11-9 Fill 2-6-8-5 Fill 2-6-8-5 Fill 2-6-8-5 Fill 2-6-8-5 Fill 1-7-11-9 Fill 1-7-11-9 Fill 2-6-8-5	Depth, Ft. (M)	Soil Description		•
Fill 1-7-11-9 Fill 2-6-8-5 Fill 3-6-8-5 F		Blow Counts/6"	Location Woburn, MA	
Fill 1-7-11-9 Fill 1-7-11-9 Fill 2-6-8-5 Fill 3-6-8-5	•			
Driller, Geo-Metrics, Inc. Drilling Completed 6/24/81 Type of Rig Truck Mounted Well Diam. 1.4" ID Depth 28" Screen Diam. 1.4" ID Screen Setting 4'-28' Screen Diam. 1.4" ID Screen Setting 4'-28' Screen Type Schedule 80 FVC O.01" Slot Well Type Monitoring Static Water Level, 4'1". Date Measured 10/30/81	·			
Drilling Completed 6/24/81 Type of Rig Truck Hounted Well Diam. 1.4" ID Depth 28" Screen Diam. 1.4" ID Screen Setting 4'-28' Screen Diam. 1.4" ID Screen Setting 4'-28' Screen Type Schedule 80 PVC Ool" Slot Well Type Monitoring Static Water Level 4'1", Date Measured 10/30/81				·
Type of Rig Truck Mounted WELL DATA Well Diam. 1.4" ID Depth Screen Setting 4"-28" Scre		•	Driller Geo-Metrics, I	nc.
Fill 1-7-11-9 Fill 1-7-11-9 Fill 2-6-8-5	11 11	· ·		
Fill 1-7-11-9 Fill 2-6-8-5 F			Type of Rig Truck Moun	ted
Fill 1-7-11-9 Screen Setting 4'-28' Screen Type Schedule 80 PVC 0.01" Slot Well Type Monitoring Static Water Level 4'1". Date Measured 10/30/81 WATER QUALITY Till 11-20-23-24 Till 11-20-23-24 Date Samples Type of Samples Type				
Screen Diam. 1.4" ID Screen Setting 4"-28" Screen Type Schedule 80 PVC 0.01" Slot Well Type Monitoring Static Water Level 4" 1". Date Mesure 10/30/81 Water Quality Samples Taken Yes X No No. of Samples Till 11-20-23-24 M-C Br. sand trace silt over BrG. silt sand and cobbles Till 70-48-54-100 Till 70-48-54-100 Sampled for Volatile Organics 11/3/81 Sould Description Abbreviations Trace 0-10% C-Coarse Sould Description Abbreviations Sould Description Abbreviations Trace 0-10% C-Coarse And 40-50% F-Fine Y-yellow T-tam		P411 1_7_11_9		
Fill 2-6-8-5 Well Type Monitoring Static Water Level 4-12: Date Masured 10/30/81 WATER QUALITY WATER QUALITY No. of Samples Type of Samples Priority Pollutant Fill 11-20-23-24 Date Sampled Samplera Will be Analyzed for Fill 11-20-23-24 Date Sampled Samplera Will be Analyzed for Fill 2-6-8-5 Sompled for Volatile Organics 11/3/81 Soll Description Abbreviations Frace 0-10% C-Coarse Br-brown Some 10-40% T-ded-im Bl-black And 40-50% F-Fine Y-yellow T-tan The Statement of the fill and the statement of the				
Fill 2-6-8-5 Well Type Monitoring Static Water Level 4-1T Date Measured 10/30/81 Date Measured 10/30/81 Which was an advirt angular gravel pieces Type of Samples Priority Pollutant Type of Samples Priority Pollutant Type of Samples Priority Pollutant Type of Sampled Samplers Will be Analyzed for Samplers Till 70-48-54-100 Sampled for Volatile Organics 11/3/81 South Description Abbreviations Trace 0-10% C-Coarse Br-brown Some 10-40% H-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Cr-grey			Screen Setting 41-28	
Fill 2-6-8-5 Fill 2-6-8-5 Well Type Monitoring Static Water Level 4-11. Date Measured 10/30781	\mathbb{Z}^{1}			PVC
Well Type Monitoring Static Water Level 4 11. Date Measured 10/30/81		F111 2-6-8-5	0.01" Slot	
Static Water Level 4 11. Date Messured 10/30/81 Cr. fine-med sand overlying R-Y clays, Samples Taken Yes X No silts and sand with angular gravel pieces Till 11-20-23-24 Till 11-20-23-24 Till 11-20-23-24 M-C Br. sand trace silt over BrG. silt sand and cobbles Till 70-48-54-100 XX X X X X X X X X X X X X X X X X X				
Date Measured 10/30/81 Cr. fine-med sand overlying R-Y clays, Samples Taken Yes X No silts and sand with angular gravel pieces Till 11-20-23-24 M-C Br. sand trace silt over BrG. silt sand and cobbles Till 70-48-54-100 Till 70-48-54-100 Sampled Granics 11/3/81 XX			Static Water Level 4'1'	
Cr. fine-med sand overlying R-Y clays, Samples Taken Yes X No silts and sand with angular gravel No. of Samples Type of Samples Priority Pollutant Date Sampled Samplers Will be Analyzed for Till 70-48-54-100 Sampled for Volatile Organics 11/3/81 Sampled for Volatile Organics 11/3/81 Some Description Abbreviations Trace 0-10% C-Coarse Br-brown Some 10-40% H-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan T-tan Teregraphus undernignum underni		,		
Cr. fine-med sand overlying R-Y clays, Samples Taken Yes X No silts and sand with angular gravel Do-O Do Do Dieces Till 11-20-23-24 Till 11-20-23-24 M-C Br. sand trace silt over BrG. silt sand and cobbles Till 70-48-54-100 Sampler Will be Analyzed for BrG. silt sand and cobbles Till 70-48-54-100 Sampled for Volatile Organics 11/3/81 Sampled for Volatile Organics 11/3/81 REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey			WATER QUALITY	
sitts and sand with angular gravel pieces Type of Samples Priority Pollutant Date Sampled Samplers Will be Analyzed for BrG. silt sand and cobbles Till 70-48-54-100 Sampled for Volatile Organics 11/3/81 Sampled for Volatile Organics 11/3/81 Some In-40% M-Medium Bi-black And 40-50% F-Fine Y-yellow T-tan Gr-grey		Gr. fine-med sand overlying R-Y clays	Samples Taken Yes X	
Till 11-20-23-24 Till 11-20-23-24 Date Sampled Samplers Will be Analyzed for Till 70-48-54-100 Sampled for Volatile Organics 11/3/81 Some 10-402 M-Medium B1-black And 40-502 F-Fine Y-yellow T-tan Tripe of Samples Priority Pollutant Type of Samples Priority Pollutant Tantan Sampled for Volatile Organics 11/3/81 Soll DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan Gr-grey	10	silts and sand with angular gravel		
Till 11-20-23-24 Date Sampled Samplers Will be Analyzed for Till 70-48-54-100 Sampled for Volatile Organics 11/3/81 South Description Abbreviations Trace 0-102 C-Coarse Br-brown Some 10-402 M-Medium B1-black And 40-502 F-Fine Y-yellow T-tan Trace Trace 0-102 C-grey		pieces		t y
Date Sampled Samplera Will be Analyzed for Till 70-48-54-100 Sampled for Volatile Organics 11/3/81 Soll Description Abbreviations Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Transport of the sampled Sampled Sampled for Volatile Organics 11/3/81 Soll Description Abbreviations Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey		•	Pollutant	
M-C Br. sand trace silt over BrG. silt sand and cobbles Till 70-48-54-100 Sampled for Volatile Organics 11/3/81 XX XX XX XX Bedrock Soil Description Abbreviations Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tam Gr-grey		Till 11-20-23-24		
M-C Br. sand trace silt over BrG. silt sand and cobbles Till 70-48-54-100 Sampled for Volatile Organics 11/3/81 X X X X X X X X X X X X X X X X X X X		·	Date Sampled	
BrG. silt sand and cobbles Till 70-48-54-100 Sampled for Volatile Organics 11/3/81 Sampled for Volatile Organics 11/3/81 Silt bescription Abbreviations Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tam Gr-grey		M 0 5 11 11 11 11 11 11 11 11 11 11 11 11 1	Samplers	
20 X X X X X X X X X X X X X X X X X X X	15		Will be Analyzed for	
Sampled for Volatile Organics 11/3/81 Sampled for Volatile Organics 11/3/81 REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan Gr-grey	Y	BrG. silt sand and cobbles		
Sampled for Volatile Organics 11/3/81 Sampled for Volatile Organics 11/3/81 REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan Gr-grey		T111 70-48-54-100		-
Sampled for Volatile Organics 11/3/81 Sampled for Volatile Organics 11/3/81 REMARKS SOIL DESCRIPTION ABBREVIATIONS Trace 0-10Z C-Coarse Br-brown Some 10-40Z M-Medium Bl-black And 40-50Z F-Fine Y-yellow T-tan Gr-grey		1111 /0-40-54-100		
Sampled for Volatile Organics 11/3/81 Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan Gr-grey				
Organics 11/3/81 X X X X X X X X X X X X X X X X X X X	!x			
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan Gr-grey	201x x x x			
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan Gr-grey			Organics 11/3/61	•
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan Gr-grey	1 4 1 4			·
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10Z C-Coarse Br-brown Some 10-40Z M-Medium B1-black And 40-50Z F-Fine Y-yellow T-tan Gr-grey	lx x HX X I	Bedrock .		
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan Cr-grey	- 1 x 日 へ.1	• :		
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium B1-black And 40-50% F-Fine Y-yellow T-tan Gr-grey		•		
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey	1X X [] " []			
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey	x x		REMARKS	
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey				
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey				
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey			•	
SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey	30			<u> </u>
Trace 0-10% C-Coarse Br-brown Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey				
Some 10-40% M-Medium Bl-black And 40-50% F-Fine Y-yellow T-tan Gr-grey				
And 40-50% F-Fine Y-yellow T-tan Gr-grey				_
T-tan Gr-grey				
PENSIONALIZATION GI-grey			ANG 4U-JUL P-FINE	
K-TEG	TETTER	Sport	CONTRACTOR CONTRACTOR	R-red

Well Log # 120/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

		Fail Bassistia			
Depth, Ft. (H	_	Soil Description	Well No. (W-		
		Blow Counts/6"	Location Wo	burn, MA	
			Owner U.S	. EPA	
· ·			Ground Elev.4		
או ור		•			Too
11-11	•		Driller Geo-		
11 11	. .	,	Drilling Comp		
	•	•	Type of Rig	Truck Mou	nted
	•		W		
	F111 1-2-3	_ _	Well Diam. 1.		
以外				8.5	
			Screen Diam.		
			Screen Settin		
	F_W R= Con	1 8-12-14-16	Screen Type S	chedule 8	O PVC
514-4	r-m bi Sam	1 0-12-14-10		01" Slot	
	<u>:</u>		Well Type Mo		
	• .	•	Static Water		
	•		Date Measured		
		•	WATE		
			Samples Taken	Yes X	No
10	r Urange sa	and, trace of silt 4-6-5-3	No. of Sample		
		•	Type of Sampl	es Priori	ty
	•		Pollutant		
					
	•		Date Sampled	11/30/81	
	Orange F sa	and silt, with thin layers			
15	of clay 2-		Will be Analy	zed for	rocarite
-: - -: -i					
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		······································			
			 		
20 ====================================	F-M Br sand	1 1_2_3_3			
	I-H DI BAH	1 1-2-3-3	Complet fo	- W-1-49	
	•	•	Sampled fo		<u> </u>
	:	•	Organics 1	1/3/97	
ランコラ	į	•			
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	1		· 		
25	vo Leconeil	7 0-3-3-3			
<u> </u>		•	REMA	RKS	
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30 0 0 □ 30	M-C sand wi	Ith some cobbles 4-3-5-7			
10: HO:	•				• •
			SOIL DESCRIP		EVIATIONS
				C-Coarse	Br-brown
$o^0 \square o^0$	•	•		M-Hedium	Bl-black
`` 0			And 40-50%	F-Fine	Y-yellow
351.6	C sand and	gravel trace of silt		-	T-tan
	12-13-8-8		erologaland and	-	Gr-grey
, , , , , , , , , , , , , , , , , , , ,		•	ecologiaph andie	- Cutting	R-red

Well Log # 120/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

(11)	Soil Description	Well No. (W-8) S-8 .	
Depth, Ft. (M)	Blow Counts/6"	Location	
	Plow Codiffs,	•	
		Owner U.S. EPA	
1:0-1-1:01		Ground Elev.	
		priller Geo-Metrics, Inc.	
		Drilling Completed .	
		Drilling Completed Type of Rig Truck Mounted	
	•	WELL DATA	
	C sand and gravel trace of silt	Well Diam. 1.4" ID	
40 0 0	13-10-12-15	Depth	
	13-10-12-13	Screen Diam. 1.4" ID	
	,	Screen Setting Screen Type Schedule 80 PVC	
1-0 Ha		Screen Type Schedule 80 PVC	
る。日う		0.01" Slot	
1.0H	C sand and gravel some sand	Well Type Monitoring	
45 日 0:1	14-11-11	Static Water Level	
45 0 0	14-11-11-11	Date Measured	
	•	WATER QUALITY	
	·	Samples Taken Yes No	
[:0☐"ol	•	No. of Samples	
- lo: 日元	Br. C sand and gravel some silt	Type of Samples	
501. 7	24-26-76-50	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
.∵ <u>0</u> ⊟ <u>2</u> ::	•		
		Date Sampled	
ラクロが		Samplers	
1:0::1-1::1		Will be Analyzed for .	
	Gr. gravel, some sand and silt		
551	17-21-26-36 ·		
0 = 0			
LOH 0=	••••		
-0 O-		-	
60 0- 0-	. C Gr sand with trace of silt (few		
	thin layers) grading to fine silt		
: o 口:0:	and clay 29-30-36-30		
1:0-口分			
1. V. F. 70	•		
10つ口:~:			
65	Gr silt, sand and gravel, trace of	REMARKS	
1.≅:□: <i>0</i> .	clay 34-50-66-78		
10:Hà:	i i		
-0: -Y:		•	
10: 口0-	T sand and gravel, some silt, trace		
70 n = 0	of clay 141-187	•	
70 = 0 H	. Of Clay 171-107	SOIL DESCRIPTION ABBREVIAT	
10::口か:	1	1.600	prons
1:0 - 2	•		black
のシログ			ellow
- 0日 o	No Document 1 54-0 cond 8-25	i_47_90	
7510:日6	No Recovery wash-med-fine sand 8-25	" - •	grey
ecych	og paper	ecology and environmentaline. R-T	ed

Well Log # 120/3
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Dept	Ha Ft	• (M)	Soil Description	Well No.	W-0) 5-0	
		(<u>,</u>	Blow Counts/6"	Location	· .	 -
	•	•••					
`T-		<u> </u>			Owner U.S		
-{	Ď∵Ľ	4:0			Ground Elev.		
12	0 =	ە‡			Driller Geo-	Metrics, In	nc.
17	o∴L		o:l		Drilling Comp	leted ·	
-	o E	⊣ ⁻,	·		Type of Rig_	Truck Mount	ted
		Ϊ́O		Br-T sand and gravel, trace of clay	W	ELL DATA -	
80	0 F	⊣∴	0	25-40-40 -40	Well Diam. 1.	4" ID	
- [:	o∵F		0		Depth		
Ţ.	· · .):		Screen Diam.	1.4" ID	
- I:	::0:E	۲:۲			Screen Settin	2	
ŀ.	0	≓a	[-]		Screen Type S	chedule 80	PVC
	-0-	±0		Br-T C-sand and gravel trace of silt	$\overline{0}$.	01" Slot	
05.	•	77		and clay 10-16-25-25	Well Type Mo		
	0::E	⊐∺	Q:		Static Water	Level	
Ŀ	-0.F	-1.∙(0::		Date Measured		
F	o∵F	\dashv -	0.		WATE	P OUALITY	
1:	∵o:Ľ	ړ.⊢			Samples Takes	Tee	No
•	ਰ∵F	$\exists g$		Br. C-sand and gravel trace of silt			
904.		⇉∸	:0:		Type of Samp		
- J - F	.:0:F	士;)::	14-15-16-21	Type or samp.		•
F	0-:F	⊣։	: ::1				
• • [・スト	二 :	. 0.1				<u> </u>
	0.	-1. (2.:1	•	Date Sampled		
i i	OTE	二:	:0:		Samplers		
	<u>.</u> o.F	ゴ:	÷*:	no sample recovery 17-28-26-25	Will be Anal	Ased tot	
95		- 1	0:	·			
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[o t	二:			·		
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I	: O:	-	انت				
	D.			T C sand and gravel some wilt,			
100	···ol	-1.	<i>V</i> : 1	trace of clay 20-47-58-60			
1	· Aut	二:	0				
ı			0:1	• •			
•	∴Q·	二:					
	انم	그:	:의				
		:	V::	Gr. C. sand and gravel some silt,			
105	اخریٰ	\blacksquare :	0::	trace of clay 77-207 for 6"			·
4	o		<u>-01</u>		REP	ARKS	
- 1	0.	Ӈ.	$\mathbf{n} \cdot \mathbf{l}$	+ _{ma} s			
	0.	Ħ:	·^!	•			
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	[· <i>O</i> ·]	⊢ †'	0::1	Gr. C. sand and gravel grading to			
110	0	口:	'nΠ	fine sand 24-30-33-27			
-	·:]	口.	<u>``</u> ::	•	SOIL DESCRI	PTION ABBR	EVIATIONS
	0	口:	· Y :		Trace 0-10Z		Br-brown
	∴O:		6:1		Some 10-40%	M-Medium	B1-black
	0.	<u>H</u> :			And 40-50%	F-Fine	Y-yellow
	-0.	口	<u>.</u> ;v:]	GrT C sand and gravel some silt,			T-tan
115	∤	ㅂ	.∩	trace of clay 20-23-26-20	•		Gr-grey
	1-0	四	\mathbf{O}	Paper	و المحمد معاصمة	an innomanting	R-red

Well Log # 120/4
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

					· · · · · · · · · · · · · · · · · · ·	
Des	oth, Ft.	(M)	Soil Description	Well No. (W-8) S-8	_
20	200	\	Blow Counts/6"	Location		
• .	•	•			•	
· 15				·	S. EPA	
	·::	1		Ground Elev.		
į.	- <i>0</i> 🖂 :			Driller Geo		Inc.
	$:: \Box^{o}$	-:		Drilling Com		
	<i>□</i> □ <i>o</i>	\: <u>.</u>		Type of Rig_	Truck Mou	nted
[·	$o : \square o$	\rightarrow	Gr. C. sand and gravel with trace		WELL DATA	
120 1:	$o = \square c$		of silt and clay 43-103-105-89	Well Diam. 1		
	$o = \Box c$	31	•	Depth		
1:		•••	•	Screen Diam.	1.4" ID	
<u> </u>	<i>0</i> →		•	Screen Setti		
1:	××□×	X	•	Screen Type		O PVC
	$\times \vdash \vdash \times$		Bedrock	. 0	.01" Slot	
125		X		Well Type M		
١,	A -	X	•	Static Water		
		(`)		Date Measure		
	х <u>х</u> Пх,	즤		WAT		
- 1	11:	1	•	Samples Take		No
	11		•	No. of Sampl	es	
130	11	i		Type of Samp		
1	11	ł				
:	-	- 1	:	. —		
1	1 1			Date Sampled		
I	11	- 1		Samplers		
	11		•	Will be Anal	vzed for	
135	11.		•			
	. 11.			 		•
	•		•	 		····
1	.			•		
	11		•			
440	1 1		·		· · · · · · · · · · · · · · · · · · ·	
140	•	1	•	• • • • • • • • • • • • • • • • • • • 		
· 1	11	- 1				
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- 1	! !	. 1				
145						
		<u> </u>				
- 1	11.			REM	iarks	
ł]]]		•			
1] [1				
. 1	1 1	ı	•			
150	11	-	-			
	1 1	1	· ·			
		-	•	SOIL DESCRI		
i		- (Trace 0-10%	C-Coarse	Br-brown
1] [•	Some 10-40%	M-Medium	Bl-black
ŀ	-	ł		And 40-50%	F-Fine	Y-yellow
155	11					T-tan
1	 					Gr-grey
		veled p	W DOT	Pulling Applean	Myliniment Les	R-red

Well Log # 122
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

				•		
	pth, Ft. (w 1	Soil Description	Well No. (W21) S-21	• • •
De	pen, re.	<u>~/</u>	Blow Counts/6"	Location .	Woburn, MA	
•				·		
					. EPA	-
				Ground Elev.	77" MSL	·
	71 11	•		Driller Geo-	Metrics, I	ne.
		• •	•	Drilling Comp	leted 9/14,	/81
•	11 11		•	Type of Rig_	Truck Moun	t ed
	╌╫╶╫╌	. ·	•	W	ELL DATA -	
	o. :0			Well Diam. 1.	4" ID	
1:	0 0.	Fill 2-4-8	-19		.5'	
Ŀ	0. 1.0	• [Screen Diam.	1.4" ID	
- 13	Y. * * 1 F. 1	·.l		Screen Settin	g 4'-31.5"	
ţ.		:1	•	Screen Type_S	chedule 80	PVC
5	o∷H::º				01" Slot	
:	·o·口·c	• • • • • • • • • • • • • • • • • • •	J-50 -50	Well Type Mo	nitoring	Z11
ŀ	· . 日 . º			Static Water		4:
l.	o. □.o.	•		Date Measured		
ŀ	·0.日: 6).l	• •	WATE	•	
ŀ.	o:口o:		· .	Samples Taken		_No
101	000	Fill, sand	l and gravel 17-25-35-50	No. of Sample		
_ [3	•	Type of Samp!	es Prior	ity:
۲ [•	Pollutant		
	:0.H:0	• • •				
·	이너이	4 * I	•	Date Sampled		
				Samplers		·
15 ł.		Fill, sand	l and gravel 42-55-23-30	Will be Analy	zed for	
1	· · · · ·					
	U · · · · ·	<u>5:1 </u>				
	。目。	4 1			<u></u>	
	v.□o.					
1	o = 0	R-Y clay.	silt and sand 28-20-100/	5"		
20		0:1		·		
	- 0: :-	R-Y Clay	silt and sand w/ some gra	ave1		<u> </u>
	××□×	× 10-15-50/1	In and and a some at a some Box	Sampled for Organics 1:	<u> Volatile</u>	
1	×.Н.×		:	Organics 1.	r/3/01	
	××⊢×	×	•			
	x ^x x⊟x3	×	1			
25	~ 🗀 X	(†)	•			
	$\times \times H^{\bullet}$			500	1250	
	xx 日x	x Bedrock	7	KEM	ARKS	
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Į	× x □^.					
	プレロス	XI				
30	^ ^ ! !					
	x ^x x = x	X		SOIL DESCRI	PTION ARRE	EVIATIONS
	11	1		Trace 0-10%	C-Coarse	Br-brown
	11		•	Some 10-40%	M-Medium	Bl-black
	1 1		•	And 40-50%	F-Fine	Y-yellow
	[ADG 40-30%	T-LTMR	T-tan
35-	l				•	Gr-grey
I	1 168	Acied by bel	••	2000年出版。	PARTIES NO.	R-red

Well Log # 127/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (H) Soil Description	Well No. (W22) S22
Blow Counts/6"	LocationWoburn, MA
	Owner U.S. EPA
<u>ነ</u> በ ነለ	Ground Elev. 84' MSL
11-11	Driller Geo-Metrics, Inc.
	Drilling Completed 9/22/81
	Type of Rig Truck Mounted
KXII IIXA	Well Diam. 1.4" ID
XX Sand, topsoil 1-1-46	Depth 44 MSL
 	Screen Diam. 1.4" ID
	Screen Setting 4'-44'
Marian Marian	Screen Type Schedule 80 PVC
5 Sand 7-11-23-50/3"	0.01" Slot
	Well Type Monitoring
	Static Water Level 26'
Boulder Refusal	Date Measured 10/15/81
()目()	WATER QUALITY
八甲六	Samples Taken Yes × No
10 Boulder	No. of Samples
	Type of Samples Priority
	Pollutants
Gr., C sand and gravel 80-84-110/4"	
	Date Sampled
10 [.] 1-7.0	Samplers
	Will be Analyzed for
	-
GB. C sand and gravel 47-60-92	•
	Sampled for Volatile Organics
- 18·4日以上	11/3/81
20177日公司	•
lo. 目 o. l	•
lio目oal	
トゲ: 日かり	
GB C sand and gravel 90-50-47-37	
25 0: 10: 10: 10: 10: 10: 10: 10: 10: 10:	
	DOVA DVA
	REMARKS
GB. C sand and gravel 80-110/4"	
30	
	SOIL DESCRIPTION ABBREVIATIONS
	Trace 0-10% C-Coarse Br-brown
[: ː: ː ː ːːːːːːːːːːːːːːːːːːːːːːːːːːːːː	Some 10-40% M-Medium Bl-black
GB. C sand and gravel, some silt	And 40-50% F-Fine Y-yellow
35:-0-55-125/5°	T-tan
	C
recycled paper	R-red

Well Log # 127/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

•			Prepared By M. Hanley
Depth,	, Ft. (M)	Soil Description Blow Counts/6"	Well No. (W22) S22 Location
1:22	ग ायका		Owner U.S. EPA
-0-	\Box		Ground Elev.
XX	-x x		Driller Geo-Metrics, Inc.
l v	X		Drilling Completed
X X		·•.	Type of Rig Truck Mounted
40 X X	,日XXI	Bedrock	WELL DATA
		bedrock	Well Diam. 1.4" ID
XX	(⊟x [^] x⊟		Depth Screen Diam. 1.4" ID
- I X	$\square \times \square$		
XX	(日××	•	Screen Setting Screen Type Schedule 80 PVC
<u>×</u>	日×		O.Ol" Slot
اء	1 1		
45	1 1 1	·	Well Type Monitoring Static Water Level
i			Date Measured
		•	WATER QUALITY
	1 1		Samples Taken Yes No
ŀ			No. of Samples
50	1 1	;	Type of Samples
307	1 1		Type of bampies .
*	.1. 1		
			Date Sampled .
			Samplers
	1 1		Will be Analyzed for
55			Will be sudiffed tol
55]			
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	1.1	to the second se	
	1 1		
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60		•	
	11.		•
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1	1 1		
1	1 1	•	
İ	1 -		•
65-			
	11.		REMARKS
į	11 1		
i	1 1		
1	1 1 . 1		
70			•
1		•	SOIL DESCRIPTION ABBREVIATIONS
1		·	Trace 0-10% C-Coarse Br-brown
			Some 10-40% M-Medium Bl-black
1		•	And 40-50% F-Fine Y-yellow
			T-tan
75		Loaner	Gr-grey
	recycles	paper	ecology and environment for R-red

Description

Well Log # 1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/25/80
Prepared By R. DiNitto

0	
Sand (fine); s	ome gravel
	•
19	
····13	
Medium sand	
18	
20 = = =	•
	•.
Silt; fine san	d. gravel
	d, graver
30	
<u> </u>	
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に 冷さす _	•

Depth. Ft. (M)

Well No. (B1) 125 Location Intersection between (Reading) Rte. 128 and Rte. 93 State of MA Owner Ground Elev. 109 feet Driller Drilling Completed : 1955 Type of Rig ----- WELL DATA -----Hole Diam. Depth 37 feet Casing Diam. Casing Depth Screen Diam. Screen Setting Screen Type . Well Type Test-Unused ----- TEST DATA -----Static Water Level 14 feet Date Measured 6-1955 Pumping Depth Test Duration Pumping Rate -Test Date Test Type Pump Setting Specific Gravity Final Pump Capacity Final Pump Setting Average Pumpage - ------- WATER QUALITY -----Samples Taken Yes No. of Samples Type of Samples Date Sampled Samplers Will be Analyzed for Split Samples to Comments

From Delaney and Gay (1980)

ecology and environment

recycled paper

Well Log # 54
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A Date Prepared 11/25/80 Prepared By R. DiNitto

Depth,	Ft.	(M)	_•.	• •	•	Descr	iption
	•				.*		•
01			Lo	an &	Sand		•
		2 3.1	2		•	•	•
·	O	<u>.o.</u>	- C1	ay,	Sand &	Grave	1
5	-:	ე: <u>-</u>	,	•	•		
·			·		•		
	<u>0:</u>	<u> </u>	8		.•		
40	0	⊗ 	C1	ay,	Grave]	l, Rock	:5
רטו		-	J 10. 5 _	Re	fusal		

10.5 ___Refusal

Well No.(B9) 119
Location Rte. 128, 5 mile west
of Rte. 93
Owner State of MA
Ground Elev. 119 feet
Driller
Drilling Completed 1949
Type of Rig
WELL DATA
Hole Diam.
Depth 10.4 feet
Depth 10.4 feet Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Test-Unused
TEST DATA
Static Water Level
Date Measur ed
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Dumpage
Average Pumpage WATER QUALITY
Complex Taken Ves No X
Samples laken les no
No. of Samples
Type of Samples
Date Sampled
Samplers
Will be Analyzed for
Will be Analyzed for
Split Samples to
Comments
REMARKS
From Delaney and Gay (1980)
- veshige and variousiem

recycled paper recycled paper

Well Log # 55
Project Name Woburn Well Survey
Project # TDD FI-8010-03 A
Date Prepared 11/25/80
Prepared By R. DiNitto

	rrepared by R. Divitto
Description	Well No. (B 10) 118
Depth, Ft. (M) Description	Location Rt. 128, one mile
	west of Rt. 93
-0Artificial Fill	Owner State of MA
<u>च्य</u> 1.5	Ground Elev. 58 ft.
Sand	Driller 1949
<u>:::::</u> 5	Drilling Completed
····	Type of Rig
10.	WELL DATA
.**[. · ·	Hole Diam.
	Depth 96 ft.
: •	Casing Diam.
	Casing Depth
20	Screen Diam.
	Screen Setting
	Screen Type
:''•'	Well Type Test-Unused
:	TEST DATA
30	Static Water Level 11 ft.
	Date Measured 9-1949
Fine Sand	Pumping Depth
	Test Duration
40 .	Pumping Rate
	Test Date
•••	Test Type
	Pump Setting
	Specific Gravity
50	Final Pump Capacity
	Final Pump Setting
[' • • .]	Average Pumpage
	WATER QUALITY
	Samples Taken Yes No x
60	No. of Samples
	Type of Samples
••• •	
	Date Sampled
70	Samplers
	Will be Analyzed for
	·
'. <u>.</u> -:	
80 -	Split Samples to
Clay and fine sand	Comments .
1 1:5:4	
90	F PANABULE
	REMARKS
96Refusal	From Delaney and Gay (1980)
	and and antinomant
recycled paper	erolics and environment erolics and environment
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Well Log # 126/1
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

		rrepared by m. Hanley
Tepth, Ft. (M	Soil Description	Well No. (E41) S60 .
	Blow Counts/6"	Location Woburn, MA
• -		20000000
		Owner MDC
		Ground Elev. 122.4' MSL
71 15	•	
	•	Driller Guild Drilling Co., Inc Drilling Completed 8/7/81
11 11	·	
	•	Type of Rig Truck Mounted
5 8 9	Br. F-M sand & gravel;	WELL DATA
000	Boulder, rock fragments	Well Diam. 1.4" ID
		Depth 54' 1"
[o,]		Screen Diam. 1.4" ID
01 50		Screen Setting 34'1"-44'1"
73-113-11	•	Screen Type Schedule 80 PVC
12		0.01" Slot
	GrBr., F-C sand & gravel;	Well Type Monitoring
0-1	some silt, trace boulders (Till)	Static Water Level 26'2"
	some silt, trace boulders (iiii)	Date Measured 10/30/81
	• ,	WATER QUALITY
1.0		Samples Taken Yes x No
:-::-I OH	,	No. of Samples
() 13 a	:	
		Type of Samples Priority
つうしひ		Pollutants
	• .	
The late	•	Date Sampled 11/30/81
141		Samplers Cook, Porter
		Will be Analyzed for
77	•	
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-0 -		Sampled for Volatile Organics
		11/3/81
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XX XX		
• x	•	
xx x×	•	REMARK S
X X XX		
		Well Log Courtesy of Haley &
リェメー トペペー	•	Aldrich, Inc. 238 Main Street
X X		Cambridge, MA
!X X		
xx xxx		SOIL DESCRIPTION ABBREVIATION
		Trace 0-10% C-Coarse Br-brow
	Bedrock	Some 10-40% M-Medium Bl-blac
xx目xx		And 40-50% F-Fine Y-yello
	•	
スメロシン	weled sense	T-tan
recy	cycled paper cled paper	ecolus, and environment
	••	R-red

Well Log # 126/2
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

De	pth,	Ft	. (H)	Soil Description	Well No. (E41) 560
-		:		Blow Counts/6"	Location -
		•	۸.		
1	x x	\Box	* *		Owner
	^x `	=	×		Ground Elev.
	××		x x		Dirier.
.	XX		XX		Drilling Completed
	"x"		x		Type of Rig Truck Mounted
	ХX		XX		WELL DATA
40	×	=	XX		Well Diam
	×_×		*		Depth
	××		х×		Screen Diam.
	×		_X_	Bedrock	Screen Setting
	X X		XX		Screen Type
	ارکرا		хX	•	
45	XX	· '	×		Well Type
	xx		XX	• •	Static Water Level
	×		_X_	· •	Date Measured
1	XX		XX		WATER QUALITY
	XX	ŀ	x x		Samples Taken Yes No
	×		رکی		No. of Samples
50	XX		XX		Type of Samples
	XX		x ^x x	•	
	XX		××		Date Sampled
			X		Samplers
	xx	<u> </u>	XX		Will be Analyzed for .
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•			'		REMARKS
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		l		· .	
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70-				·	
•	•				SOIL DESCRIPTION ABBREVIATIONS
	1	1			Trace 0-10% C-Coarse Br-brown
	l	1		•	Some 10-40% .M-Medium B1-black
	į			•	And 40-50% F-Fine Y-yellow
			1		T-t an
75·	i	l	ecycle	paper d paper ed paper	ecology and environment Gr-grey
			recycle	ed paper	ecology, and snyimment inc. R-red

Well Log # 128
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

Depth, Ft. (M) Soil Description Blow Counts/6"	Well No. (E44)(Boring) 174 Location Woburn, MA
	Owner MDC
	Owner MDC Ground Elev. 106'2" MSL
	Ground Elev. 100 2 MSE
	Driller Guild Drilling Co., Inc
	Drilling Completed 8/11/81
	Type of Rig Truck Mounted
12.11-11-0:3	
Br. F-M sand, some F-M gravel	Well Diam.
0:0:0:0:0	Screen Diam.
	Screen Setting
Br. F-M sand and gravel, trace rock	Screen Type
5 00 or boulder fragments.	Well Type Boring
0:00	
0.0	Static Water Level
	Date Measured
_	WATER QUALITY
X X X X X	Samples Taken Yes No X
0 x^x x^x	No. of Samples
	Type of Samples
x x x x	
X	
X	Date Sampled
	Samplers
1517x 14001	Will be Analyzed for
" x x x x x	
x ^x"	
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X X	
X_X X_X	
20 X Bedrock	
x x x x	
XXX	
X X X X	
25 X X X X X	
1 X 1 1 2 2 1	REMARKS
xx xx	Boring Log Courtesy of Haley & Aldrich, Inc., Cambridge, M.
[x	& Aldrich, inc., cambridge,
x x	
301_ ^x _	
	SOIL DESCRIPTION ABBREVIATIONS
x^x	Trace 0-10% C-Coarse Br-brown
- ^x^ 1_*.\	Some 10-40% M-Medium B1-black
\x^x\ \X_X\	
X 1 \^_	And 40-50% F-Fine Y-yellow T-tan
35 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Cr-orev
X recycle paper	ecology and environment R-red

Well Log # 129
Project Name Woburn Well Survey
Project # TDD FF-S010-03A
Date Prepared 11/30/81
Prepared By M. Hanley

	Ft. (M)	Soil Description	Well No. (E 45)(Boring) 175
		Blow Counts/6"	Location Woburn, MA
-	• •		Owner MDC
<u> </u>			Ground Elev. 122.8' MSL
	11	•	Driller Guild Drilling Co. Inc.
11	71	•	Drilling Completed 8/14/81
11	11	•	Type of Rig Truck Mounted
77	· 	.•	WELL DATA
		Topsoil and fill	Well Diam.
XXX	W	•	Depth 54T
∂ .−1	o l	•	Screen Diam.
0		•	Screen Setting
0	0	GrBr., F-C sand and gravel, some	Screen Type
١٠٠١	0	silt, rock/boulder fragments	
31001	0-1	•	Well Type Roring
			Well Type Boring Static Water Level
10.01	10.1	•	Date Measured
-0:	(,0.		WATER QUALITY
			Samples Taken Yes No X
O X X	××	;	No. of Samples
"IX X	×××	Boulder	Type of Samples
x ^x x	×××		1,96 01 011,101
	120.0		T
	O	Br. F-C sand trace F gravel and cobb	Date Sampled
Ö		·	Samplers
XX	XX		Will be Analyzed for
5 xXx	X	•	Will be Analyted tos
^x^	XX	• .	•
X X	X		
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l x	1xx		
××	×		
olxx	X X	•	
\^x^			•
] × ×	××		
X	1x x		
X,×	1 X	Bedrock	
x ^x x	XX	Bedrock	
25 X			
XX]×,×	•	
l X	XX.		REMARKS
X,X	112	İ	Boring Log Courtesy of Halev
x ^x	XX	·	& Aldrich, Inc. Cambridge, M
l'x'	X	·	
- Y	IXX		
30 X	l Ixx		
1.4	l l'x	1.	SOIL DESCRIPTION ABBREVIATIONS
XX		1	Trace 0-10% C-Coarse Br-brown
x ^x ×	×_×		
x ^x ×	XX	•	Some 10-40% M-Hedium Bl-black
X	WXX	•	And 40-50% F-Fine Y-yellow
×××	X		

Well Log # 129
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared
Prepared By M. Hanley

Depth, Ft. (M)	Cail m	
	Soil Description	Well No. (E45) 175 .
•	Blow Counts/6"	Location -
XX XX		Owner
X X X X		Ground Elev.
		Driller
	•	Drilling Completed
× ×		Type of Rig Truck Mounted
40 × × ×	•	WELL DATA
" X X	•	Well Diam.
	· ·	Depth .
X X	•	Screen Diam.
x x X Bedrock	•	Screen Diam.
		Screen Setting
	•	Screen Type
· · · · · · · · · · · · · · · · · · ·		
X X X X		Well Type
x^x	•	Static Water Level
XXX		Date Measured
XX XX	•	WATER QUALITY
x X	•	Samples Taken Yes wa
OX X XX		No. of Samples
	•	Type of Samples
x x x x -	•	
X X	•	
× x	•	Date Sampled
}——	•	Samplers
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		water of Analyzed for
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11.1	•	
	•	
		SOIL DESCRIPTION APPROVA
		SOIL DESCRIPTION ABBREVIATIONS Trace 0-10% C-Coarse Braham
111	•	DI DIONE
1 1 1	•	And to come the state of the st
1 6 1		And 40-50% F-Fine T-yellow
recycled paper recycled paper	•	T-tan

Well Log # 73
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 3/12/81
Prepared By W. Norman

Depth, Ft. (M)	Description
<u>-</u>	•
9	•
\`\\ .	
10	
Sand	(medium, brown to gray)
:	•
20	•.
25	
30 0	•
0.0.	
	and gravel
40.0	•
0.0	
÷ 0.	
50 0	
54	

• • •
Well No. (W 6) S46
Location East of RR, North of
Salem St. Wob.
Owner J.J. Riley Ground Elev. 55 ft.
Ground Elev. 55 ft.
Driller
Drilling Completed 1958
Type of Rig
WELL DATA
Hole Diam. 24 in.
Depth 51 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Screen Type
Well Type Industrial
TEST DATA
Static Water Level 5 ft.
Date Measured 1958
Pumping Depth
Test Duration
Pumping Rate 750 GPM
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final Pump Setting
Average Pumpage
WATER QUALITY
Samples Taken Yes x No
No. of Samples 6
Type of Samples
Priority Scan
Date Sampled 11/14/1980
Samplers Clay & Cook
Will be Analyzed for
129 Priority Pollutants
107 FITOLICY COLLEGE
Split Samples to J.J. Riley
Sprite Sampres to district
Comments
REMARKS
From Delaney and Gay (1980)
From Delaney and Gay (1700)
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Well Log # 78
Project Name Woburn Well Survey
Project # IDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

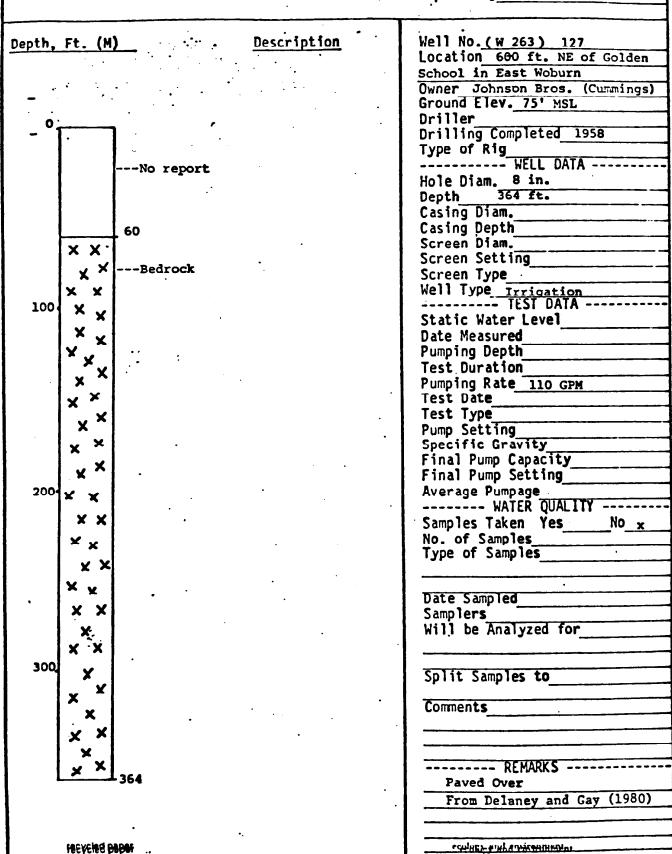
ecology and environment

Description	
	LocationWithin Halls Brook
	(former Mishwum Lake)
0	Owner Well no longer exists
ZMud	Ground Elev. 70 ft.
Fine sand	Driller
5	Drilling Completed 1936
Sand and gravel	Type of Rig
10	WELL DATA
	Hole Diam. 18 in.
	Depth 83 ft.
	Casing Diam.
200	Casing Depth
20Sand	Screen Diam.
	Screen Setting
 	Screen Type
	Wall Type
30-1:	Well Type Industrial-Unused
307:	
\ ```	Date Measured 2
Clay and fine sand	Pumping Depth
\.' <u>····</u>	Test Duration
401: :==:	
·	Pumping Rate 1000 GPM Test Date
	Test Type
:	rest type
	Pump Setting
50-	Specific Gravity
· · · · · · · ·	Final Pump Capacity
55	Final Pump Setting
	Average Pumpage
60 - · · · · ·Sand	WATER QUALITY
	· Samples Taken Yes No x No. of Samples
	Type of Samples
66	Type of Samples
······································	
70-Clay and sand	Date Sampled
72	Samplers
- 0-0-	Will be Analyzed for .
Clay and gravel	Will be Analyzed for .
801 7 D-1	
0 0 0	Split Samples to
	Spire Sumples to
	Comments
<u>.</u>	· · · · · · · · · · · · · · · · · · ·
· ·	
	OCHADUC
	REMARKS
	From Delaney and Gay (1980)

Well Log # 79
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 1/5/81
Prepared By R. DiNitto

Depth, Ft. (M) Description	Well No. (W64) 115
•	Location Within Halls Brook
	(former Mishawum Lake)
<u> </u>	Owner Well no longer exists
المنتان	Ground Elev. 70 ft.
	Driller
	Drilling Completed 1937
••••	Type of Rig
10- : ' . ·	WELL DATA
	Hole Diam. 24 in.
	Depth 78 ft.
	Casing Diam
20-1	Casing Depth
207	Screen Diam.
Sand, some fine	Screen Setting
	Screen Type
	Well Type Industrial
30	Static Water Level 6
1:	Pumping Depth
	Test Duration
40-1	Pumping Rate 350 GPM
	Test Date
	Test Type
	Pump Setting
	Specific Gravity
50 50	Final Pump Capacity
	Final Pump Setting
	Average Pumpage
O OGravel	WATER QUALITY
60-10 V Graver	Samples Taken Yes x No
10,001	No. of Samples
1909	Type of Samples
68	Standard Water Quality
70-	Date Sampled 10/21/58
Fine Sand	Date Sampled 10/21/58 Samplers
75	Will be Analyzed for
October Gravel	
10 C 179	
	Split Samples to
·	Comments
•	
·	
	REMARKS
	From Delaney and Gay (1980)
•	
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Well Log # 87
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 11/18/80
Prepared By R. DiNitto



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Well Log # 93
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By R. DiNitto

sand Himmer with the business to the sand the sa

	· · · · · · · · · · · · · · · · · · ·
Description	Well No.(w 364) 544
	Location-Woburn, North of
	Forbes: Road
	Owner . Independent Tallow
0 (0.00.00	Ground Elev. 85 ft.
	Driller
Sand, fine	Drilling Completed 1940
	Type of Rig
10-[3:33:3]	WELL DATA
12	Hole Diam. 24 in.
	Depth USGS 24 ft. Log 34 ft.
	Casing Diam.
O Sand & Gravel	Casing Depth
20	Screen Diam.
100d	Screen Setting
25	Screen Type
	Well Type Industrial
30Sand, fine	TEST DATA
	Static Water Level 5 ft.
	Date Measured 12/2/80
34 Refusal	Pumping Depth 170 GPM
. •	Test Duration
•	Pumping Rate
•	Test Date
•	Test Type
	Pump Setting
·	Specific Gravity
	Final Pump Capacity
•	Final Pump Setting
•	Average Pumpage
•	· WATER QUALITY
•	Samples Taken Yes x No
•	
	No. of Samples 6
	Type of Samples Priority s
•	
• •	
	Date Sampled 12/2/80
	Samplersp. Cook, P. Clay
	Will be Analyzed for
į	129 Priority Pollutants
• •	
· .	Split Samples to
	Comments
	Comments
•	
	REMARKS
	From Delaney and Gay (1980)

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Well Log # 105
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared _ 3/11/81
Prepared By R. DiNitto

<u>restate and advictions</u>

Depth, Ft. (M) Description	Well No.(w 419) 540 Location City Well "G" North
<u> </u>	of Salem St.; Fast of Aberiona
OTopsoil	Owner City of Woburn
-	Ground Fier. AS Ft
	Driller Maher
	Drilling Completed 1967
Sand, fine, brown	Type of Rig
10	WELL DATA
	Hole Diam. 24 in.
	Depth 88 ft.
	Casing Diam.
20 : Clay and fine sand	Casing Depth
Clay and fine sand	Screen Diam.
	Screen Setting Gravel Wall?
26 Sand, med., brown	Screen Type · Commercial
20	Well Type Water Withdrawal
30	TEST DATA
::::: o::	Static Water Level 1 ft.
[:·ø::::	Date Measured
· :.o::	Pumping Depth Tost Duration
40 0 Sand & Gravel, Brown	Test Duration
	Pumping Rate 800 GPM
; 0 ; 0 ; _	Test Date
45	Test Type
اهنا	Pump Setting
50 Sand (med brown) 5 grave)	Specific Gravity
.O.OSand (med., brown) & gravel	Final Pump Capacity Final Pump Setting
	Final Pump Setting Average Pumpage
اة: ن. المناطقة المناطقة المناطقة المناطقة المناطقة المناطقة المناطقة المناطقة المناطقة المناطقة المناطقة المن	WATER QUALITY
60	Samples Taken Yes x No
**************************************	No. of Samples 6
	Type of Samples Priority Scan
	FILLULTY SCAN
:::Q	
70	Date Sampled 1/29/81
	Samplers R. Palermo, J. Panaro
Sand & Coarse Gravel, brown	Will be Analyzed for
	129 Priority Pollutants
80 00	
	Split Samples to
	Comments
88	
•	
	REMARKS
	From Delaney and Gav (1980)
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•	

Well Log # 106
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 3/11/81
Prepared By R. DiNitto

Depth, Ft. (M) Description	Well No. (W 420) 539
	Location North of Salem Street
Peat	East of Aberjona River
3	Owner City of Woburn "H"
	Ground Elev. 45 ft.
	Driller Maher
	Drilling Completed 1964
- 10 · · · · · ·	Type of Rig
Sand, fine to med, gray	WELL DATA
: and Time to med, gray	Hole Diam. 24 in.
	Depth 89.3 ft.
20	Casing Diam.
	Casing Depth
	Screen Diam.
	Screen Setting
27	Screen Type
30	Well Type Water withdrawel
	TEST DATA
	Static Water Level 1 ft.
	Date Measured
	Pumping Depth
40	Test Duration
Clay & Sand (fine to med., brown)	Pumping Rate 700 GPM
	Test Date
	Test Type
- <u>- (本語</u>)	Pump Setting
50	Specific Gravity
	Final Pump Capacity
56.5	Final Pump Setting
50.5	Average Pumpage
60 O	WATER QUALITY
Sand (brown) & gravel	Samples Taken Yes x No
QO:	
	No. of Samples 6
	Type of Samples Priority Scan
70	
	Data Caralad a tra ta
	Date Sampled 1/29/81
	Samplers R. Palermo, J. Panaro Will be Analyzed for
80 0	· · · · · · · · · · · · · · · · · · ·
	129 Priority Pollutants
84	Calife Caralas do
	Split Samples to
Sand (fine to coarse, gray to	Township
90 89.3brown) and gravel, trace of clay	Comments
	REMARKS
	· —
	From Delaney and Gaw (1980)
1	
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recycled paper recycled paper Well Log # 114
Project Name Woburn Well Survey
Project # TDD F1-8010-03 A
Date Prepared 11/25/80
Prepared By R. DiNitto

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•	J. J. J. J. J. J. J. J. J. J. J. J. J. J
Dockly Fit (M)	
Depth, Ft. (M) Description	Well No. (W 430-432) 122 120 12
	Location Huribert Datsun
₩430 · 1-2_	(formally Salada Tea)
	Owner ; Washington St. South
	Ground Elev. 95 feet
0 Elev. 95'	Driller
	Drilling Completed 1958
	Type of Rig
	WELL DATA
Clay, fine brown sand and gravel	1030 Diam 2 4
10	
Refusal	Depth 15 ft., 5 ft., 7 ft.
15	Casing Diam.
	Casing Depth
•	Screen Diam.
•	Screen Setting
	Screen Type ·
1/433	Well Type Test-Unused
<u>W431</u>	TEST DATA
	Static Water Level Oft., 3ft,(
	Date Measured 12-98
0Elev. 100°	Pumping Depth
=OOClay and till	Test Duration .
Refusal	Pumping Rate
5	Test Date
	Test Type
	Pump Setting
	Specific Gravity
	Final Pump Capacity
	Final Pump Setting
	Average Pumpage
W432	WATER QUALITY
	Samples Taken Yes No x
	No. of Samples
0 5:0 Elev. 104'	Type of Samples
Till	
5 Gray Clay	
المنتمارة على المنتمارة ا	Date Sampled
	Samplers
	Will be Analyzed for
•	
·	Split Samples to
	Sprit Samples to
•	Comments
	Comments
ł	
	REMARKS
	From Delaney and Gay (1980)

Well Log # 115
Project Name Woburn Well Survey
Project # 100 F1-8010-03A
Date Prepared 11/18/80
Prepared By R. DiNitto

Double F4 (M) Decomination	Wall No. (w. 435) 126
Depth, Ft. (M) Description	Well No. (w 435) 126 Location Southside Olympia:
	Ave. just west of RR
⁻⁰ 1	Owner Lamont
	Ground Elev. 50 Ft.
- · · o ·	Driller
	Drilling Completed 1969
	Type of Rig
10	
Sand (fine, brown); some gravel	Hole Diam. 2 in. Depth 90 ft. Log.86 (USGS)
	Casing Diam.
[···.]	
20,	Casing Depth Screen Diam.
	Screen Setting
26	Screen Type .
	Well Type Test-Unused
30	
:	Static Water Level 6 ft.
	Date Measured 5-69 Pumping Depth
	Tost Duration
40 :=:	Test Duration 3 hrs. Pumping Rate 36 GPM
	Test Date
	Test Type
	Pump Setting Specific Gravity
50	Final Pump Capacity
Sand (fine, brown); some clay	Final Pump Setting
1	Average Pumpage
•••	WATER QUALITY
	Samples Taken Yes No x
60	No. of Samples
트·기	Type of Samples
	Type or ounpros
:	
	Date Sampled
/º]· - <u></u>	Samplers
<i>!=</i> ₹	Will be Analyzed for
78	
80 D.OSand (course, brown) and gravel	Split Samples to
Committee of the commit	
	Comments
10:10 86 Sand (6)	
On Postural prown) and gravel	
90	
	REMARKS
	From Delaney and Gay (1980)
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Well Log # 116
Project Name Woburn Well Survey
Project # TDD F1-8010-03A
Date Prepared 11/18/80
Prepared By R. DiNitto

Depth, Ft. (M) Description	Well No. (w 436) S41
	Location Wob. 800 ft. east of
	Well # W 419
	Owner N.E. Plastics
\(\bar{\bar{\bar{\bar{\bar{\bar{\bar{	Ground Elevusgs 60' MSL
	Driller
	Drilling Completed 1962
	Type of Rig
10] .	WELL DATA
	Hole Diam. 6 in.
No report	Depth 358 ft.
No report	Casing Diam.
20	Casing Depth
20	Screen Diam.
	Screen Setting
·	Screen Type ·
	Well Type Industrial
30	Well Type Industrial TEST DATA
"	Static Water Level 15 ft.
	Date Measured 2-62
	Pumping Depth
38	Test Duration
40 X X X	Pumping Rate 45 GPM
X X XBedrock (not specified)	Test Date
x xBedrock (not specified)	Test Type
v××	Pump Setting
	Specific Gravity
50	Final Pump Capacity
	Final Pump Setting
XXX	Average Pumpage
	WATER QUALITY
x	Samples Taken Yes X No
x	No. of Samples 6
X X X 358	Type of Samples Priority Scan
·	Date Sampled 1/23/81
	Samplers P. Clay, J. Panaro
	Will be Analyzed for 129 Priority Pollutants
	129 Filority Follucants
•	Called Complete Ac
·	Split Samples to
	6
	Comments
· .	
	REMARKS
	From Delaney and Gay (1980)
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Well Log # 118
Project Name Woburn Well Survey
Project # TDD F1-8010-03A

Date Prepared 11/18/80
Prepared By P. Divisto

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•	Proposed Ry
	Prepared By R. Dinitto
Double PA (14)	
Depth, Ft. (M) Description	Well No. (w 439) S47
	Location 300 Ft. North of Salem
	St. Woburn
_ 0	Owner J.J. Riley
	Ground Elev.55 ft.
	Driller Completed 1945
- "	Drilling Completed 1945
10 "	Type of Rig
10	Union Diam 2
No manual for the second	Hole Diam. ?
No report (no bedrock reported)	Depth 35 ft.
	Casing Diam.
20	Casing Depth Screen Diam.
	Screen Diam. Screen Setting
· ·	Screen Type ·
	Well Type Industrial
30 .	i TEST DATA
	Static Water Level 5 #+
	Date Measured
35,	Pumping Depth
······································	Test Duration
	Pumping Rate 500 GPM
	Test Date
•	Test Type
	Pump Setting
	Specific Gravity
	Final Pump Capacity
	Final Pump Setting
•	Average Pumpage
	WATER QUALITY
	"Samples Taken Yes X No
	No. of Samples 6
	Type of Samples Priority Scan
•	Date Sampled 11/14/1980
	Samplers P. Clay, D. Cook
÷.	Will be Analyzed for 129 Priority Pollutants
•	zer filority rollucants
:	Split Samples to J.J. Riley
	Comments
•	
	REMARKS
-	From Delaney and Gay (1980)
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Well Log #	_ 119
Project Name	Woburn Well Survey
Project #	TDD F1-8010-03 A
Date Prepared	1/5/81
Prepared By	R. DiNitto

Depth, Ft. (M)		<u>Description</u>
	Sand & Broken	Gravel
20	15 Wood & Greasy	Materi al
	215 Sand	

Well No. (X4) 169
Location Corner of Mishawum
[OCALION COINER OF HISMANN
Road and Commerce Way .
Owner Well no longer exists
Ground Elev. 55 ft.
Driller
Dailling Completed -
by fiffing completed
Type of Rig
WELL DATA
Hole Diam. NA Depth 21.5 ft.
Depth 21.5 ft.
Casing Diam.
Casing Depth
Screen Diam.
Screen Setting
Causes Ture
Screen Type Well Type Test-Unused
Well Type Test-Unused
TEST DATA
Static Water Level
Date Measured
Pumping Depth
Test Duration
Pumping Rate
Test Date
Test Type
Pump Setting
Specific Gravity
Final Pump Capacity
Final rump capacity
Final Pump Setting
Average Pumpage
WATER QUALITY
Samples Taken Yes No X
No. of Samples
Turn of Complete
Type of Samples
Date Sampled
Samplers
Will be Analyzed for
Split Samples to
Split Samples to
Comments
REMARKS
_ 1151115115
From Delaney and Gay (1980)
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