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ERM - New England, Inc. 399 Boylston St. 6th Floor

MILFORD 1 WAYLANDNSA.GPJ GINT US.GDT 6/9/05

			oston elepho			6 7800					
CLIEN	IT _	Rayth	neon				PROJECT NAME Northern Source Area	Northern Source Area			
PROJECT NUMBER 29675							PROJECT LOCATION Wayland MA				
DATE	ST	ARTE	D 5/2	24/05		COMPLETED 5/24/05	GROUND ELEVATION	HOLE SIZE 6 inch			
						search	GROUND WATER LEVELS:				
						m Auger					
		BY_	<u>Heum</u>	ann_		CHECKED BY					
NOTES AFTER DRILLING											
O DEPTH (ft)	SAMDI E TVPE	NUMBER	RECOVERY % (RQD)	GRAPHIC LOG		MATERIAI	L DESCRIPTION	PID (ppm)	Stick-up pipe		
5 10	M	SS	50					0		Grouted to ground surface with no backfill	
15	$\langle \rangle$	SS	92 (100)		14.0	SILT,SILT, gray, dense, well sorted (p		0			
 	\bigvee	SS	75 (100)		16.0	SILT with some fine SAND lenses (1	<u> </u>	0			
20	\bigvee	SS	45 (100)		20.0	SILT with some fine SAND lenses (1 layers,SILT with some fine SAND and (poorly graded), wet	-inch in thickness) and trace CLAY d trace CLAY, gray, dense, well sorted	0	- -	■Bentonite Seal	
	\bigvee	SS	75 (100)		22.0	SILT with some fine SAND lenses (1 layers, SILT with some fine SAND and (poorly graded), wet	d trace CLAY, gray, dense, well sorted	0			
	X	SS	100 (100)		23.4	(poorly graded), wet SILT with trace fine SAND,SILT with	trace fine SAND, orange/brown, dense, well	6.2		Sand Pack Screened interval	
25	\bigvee	SS	100 (100)		25.0	\(poorly graded), wet	trace fine SAND, gray, dense, well sorted with trace SILT, brown, dense, well sorted	0		7	
	, 1			L. 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	20.0	∖(poorly graded), wet	hole at 26.0 feet.			<u>1</u>	
						Dottom of					

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		T	elepho	one: 6	17 646	5 7800				
CLIENT Raytheon PROJECT NUMBER 29675										
DRILI	LIN	G COI	NTRA	CTOR	Geos	earch				
						n Auger				
LOG	GED	BY_	Heum	ann		CHECKED BY				
NOTES										
O DEPTH (ft)	SAMDI E TVDE	NUMBER	RECOVERY % (RQD)	GRAPHIC LOG		MATERIAL	DESCRIPTION	PID (ppm)	Stick-up Pipe	
5		SS SS SS	50 (100) 75 (100) 92 (100) 50 (100) 46 (100)		14.0 16.0 18.0 19.5 20.0	SILT with some fine SAND lenses (1 - layers, SILT with some fine SAND lenses (1 - layers, SILT with some fine SAND and graded), wet SILT with some fine SAND lenses (1 - layers, SAND with SILT and CLAY, graded), with some fine SAND lenses (1 - layers, SAND with SILT and CLAY, graded), silt with trace fine SAND, SILT with fine sorted (poorly graded), wet	CLAY, gray, dense, well sorted (poorly inch in thickness) and trace CLAY ay, dense, well sorted (poorly graded), wet inch in thickness) and trace CLAY ay, dense, well sorted (poorly graded), wet/		Grouted to groud surface with no backfill Bentonite Seal Sand Pack Screened Interval	
	X	SS	60 (100)		24.0	graded), wet	with SILT, brown, dense, well sorted (poorly	/ 18		
						Bottom of t	hole at 24.0 feet.			

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Telephone: 617 646 7800

CLIENT Raytheon PROJECT NAME Northern Source Area PROJECT NUMBER 29675 **PROJECT LOCATION** Wayland MA DATE STARTED 5/24/05 COMPLETED 5/24/05 GROUND ELEVATION HOLE SIZE 6 inch DRILLING CONTRACTOR Geosearch **GROUND WATER LEVELS:** DRILLING METHOD Hollow Stem Auger AT TIME OF DRILLING _---LOGGED BY Heumann CHECKED BY _____ AT END OF DRILLING ---NOTES AFTER DRILLING _---SAMPLE TYPE NUMBER RECOVERY (RQD) GRAPHIC LOG PID (ppm) MATERIAL DESCRIPTION ELL DIAGRAM Stick-up Pipe 0 5 Grouted to ground surface with no backfill 10 SS 0 SILT with some fine SAND, SILT with SAND, light gray to moderate brown, dense, (100)well sorted (poorly graded), wet 60 SS 8.8 Bentonite SILT with some fine SAND lenses (1 -inch in thickness) and trace CLAY (100)Seal layers, SILT with SAND and CLAY, gray, dense, well sorted (poorly graded), wet 60 15 SS SILT with some fine SAND lenses (1 -inch in thickness) and trace CLAY layers, SILT with SAND and CLAY, gray, dense, well sorted (poorly graded), wet 11.8 (100)75 SILT with some fine SAND lenses (1 -inch in thickness) and trace CLAY Sand Pack SS 29.2 (100)layers, SILT with SAND and CLAY, gray, dense, well sorted (poorly graded), wet Screened SILT, SILT, orange/brown, very dense, well sorted (poorly graded), wet 18.0 Interval fine SAND with little SILT, fine SAND and SILT, brown, dense, well sorted (poorly 90 SS graded), wet 0 (100)20 20.0 Bottom of hole at 20.0 feet.