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PROJECT NUMBER 0033366					PROJECT NAME_Raytheon-Wayland					
					PROJECT LOCATION Wayland, MA.					
					GROUND ELEVATION WELL/BORING DIAMETER 8					
					MEASURING POINT ELEVATION (ft) GROUNDWATER ELEVATION (ft) GROUNDWATER ELEVATION DATE					
	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DE	ESCRIPTION	Field Lab (ppm)	PID (ppm)	W	ELL DIAGRAM	
5	30	PT	77 7 77 7 77 7 77 7 77 7 77 7	Fine Silt with trace Fine Sand,daggraded), loose, wet, Highly orga		NS		X///X///X///X///X X///X///X///X///X	SCII ACII ACII I	
10	58	SM	7 24 7 24 7 24	Medium Sand with some Fine S (poorly graded), loose, wet, Son Fine Silt with some Very Fine Sa (poorly graded), medium dense, Clay layer.	ne organic material. and,olive gray, well sorted	NS			Grout	
15	69	SM		Medium Sand with some Very F (poorly graded), loose, very moi Gravel. Fine Silt with some Very Fine Sa (poorly graded), dense, moist, S (sub-rounded).	st, Some organics and sporadic and,olive gray, well sorted	NS NS	0.972			
25		МН							Bentonite	
30	63	СН	 .	Clay _,dark olive gray, very den:		NS NS	1.095		Filter Pack	
35		МН		Fine Silt with some Very Fine Sa (poorly graded), dense, wet, So stratified.		NS	1.057		5' 0.010 Sk	

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PROJECT NAME Raytheon-Wayland

PROJECT NUMBER 0033366

PROJECT LOCATION Wayland, MA.

PROJECT	NUMB	ER 0033366	PROJECT LOCATION Wayland	d, MA.		
25 DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Field Lab (ppm)	PID (ppm)	WELL DIAGRAM
	МН		Fine Silt with some Very Fine Sand,olive gray, well sorted (poorly graded), dense, wet, Some small Clay lenses, Silt is stratified. <i>(continued)</i>	NS	0.716	Zero Sand
40 81 	CL- ML		Clay and Fine Silt, olive gray, well sorted (poorly graded), very dense, moist, Varved Clay with alternating fine Silt.	NS NS	0.805	
45 	MH CH	2222	Fine Silt with some Very Fine Sand,olive gray, well sorted (poorly graded), dense, wet, Some Clay lenses. Clay ,dark olive gray, very dense, moist, 3" Clay layer, honeycomb structure. Fine Silt with some Very Fine Sand,olive gray, well sorted (poorly graded), dense, wet, Small convoluted Clay lenses.	NS	0.643	
50 80	МН		(poorly graded), dense, wet, Small convoluted Clay lenses.	NS NS	0.969	
55	SM		Fine Sand with some Silt, olive gray, well sorted (poorly graded), dense, wet, Small Clay lenses throughout.	NS	1.079	
88	MH		Fine Silt with some Fine Sand,olive gray, well sorted (poorly graded), dense, wet, Small Clay layer @ 60'.	NS NS	1.022	
65	МН		Fine Silt and Fine Sand, olive gray, 50/50 (two sizes), dense, wet, Laminated.	ND	0.993	Bentonite
MAYLAND WEILANDS WAYLAND WEILANDS GED 19/28/09 - 60	CH SM		Clay ,dark olive gray, very dense, slightly moist, Fat Clay. Fine Sand with some Silt,olive gray, well sorted (poorly graded), medium dense, wet, Deposit grades from Fine Sand and Silt to Fine Sand with some small Clay layers. Sand has convoluted beds of Fine and Very Fine Sand.	ND ND	0.811	
§ 75			(Continued New Page)			

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WAYLAND WETLANDS WAYLAND WETLANDS.GPJ MILFORD BORINGS.GDT 9/28/05

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CLIENT Raytheon PROJECT NAME Raytheon-Wayland PROJECT NUMBER 0033366 PROJECT LOCATION Wayland, MA Field Lab (ppm) GRAPHIC LOG PID (ppm) RECOVERY U.S.C.S. MATERIAL DESCRIPTION WELL DIAGRAM Fine Sand with some Silt, olive gray, well sorted (poorly graded), medium dense, wet, Deposit grades from Fine Sand and Silt to Fine Sand with some small Clay layers. Sand has ND 0.107 convoluted beds of Fine and Very Fine Sand. (continued) 80 87 ND ND 0.144 85 SM 0.079 ND 90 57 ND ND 0.108 Filter Pack 95 ND 0.073 СН Clay ,dark olive gray, very dense, moist, 1 to 1.5" Clay layer, honeycomb structure. Fine Sand with trace Silt,olive gray, well sorted (poorly graded), medium dense, wet, Highly convoluted/ deformed bedding. Some small Clay lenses, <0.5" @ 112'. 100 78 ND 10' 0.010 Screen 0.055 ND 105 SM ND 0.293 Zero Sand 110 41 ND ND 0.335

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PROJECT NAME Raytheon-Wayland

PROJECT NUMBER 0033366 PROJECT LOCATION Wayland, MA.

PROJECT	PROJECT NUMBER 0033366 PROJECT LOCATION Wayland, MA.								
OEPTH (ff) (ff) RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Field Lab (ppm)	PID (ppm)	WELI	L DIAGRAM		
 	SM		Fine Sand with trace Silt,olive gray, well sorted (poorly graded), medium dense, wet, Highly convoluted/ deformed bedding. Some small Clay lenses, <0.5" @ 112'. (continued)	ND	0.331		Bentonite		
120 47 	CH		Clay ,dark olive gray, very dense, moist, 3" Clay layer, honeycomb structure.	ND ND	0.330				
125			Fine Sand with trace Silt, olive gray, well sorted (poorly graded), medium dense, wet. Medium Sand with some Coarse Sand, orange brown, well sorted (poorly graded), loose, very moist, Grain size increases with depth in deposit.	ND	0.223		Filter Pack		
130 78	SW			ND			10' 0.010 Screen		
135	GM		Coarse Sand mixed with Medium Gravel, brown/gray, poorly sorted (well graded), loose, very moist, Inter-mingled Gravel (sub-angular), Sand (medium-coarse), and Silt.	ND	0.268				
140 84			Fine Sand with trace Silt, olive gray, well sorted (poorly graded), medium dense, wet, Highly convoluted/ deformed bedding. Some small Clay lense, 1" @ 140'.	ND ND	0.318		Zero Sand		
				ND	0.288				
145	SM								
140 84 140 84 140 84 150 150 150 150 150 150 150 150 150 150									
155			(Continued Next Page)						

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PROJECT NAME Raytheon-Wayland

PROJECT NUMBER 0033366

PROJECT LOCATION Wayland, MA

PROJE	PROJECT NUMBER 0033366 PROJECT LOCATION Wayland, MA.							
DEPTH (ft)	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Field Lab (ppm)	PID (ppm)	WEL	L DIAGRAM
160				Fine Sand with trace Silt,olive gray, well sorted (poorly graded), medium dense, wet, Highly convoluted/ deformed bedding. Some small Clay lense, 1" @ 140'. (continued)				Bentonite
170	54	SM			ND ND ND	0.569		
	79				ND ND	0.607		
180		GW SM		Coarse Gravel with some Coarse Sand,olive gray, poorly sorted (well graded), very loose, wet, Very Coarse Gravel and sub-round Clasts (faceted). Medium Sand mixed with some Fine Sand,olive gray, poorly sorted (well graded), very loose, wet, Fine Sand grading to Medium to Coarse Sand and then Gravel.	ND	0.941		Filter Pack
190		MH SM		Fine Silt with some Very Fine Sand, olive gray, well sorted (poorly graded), medium dense, wet, Small Silt and Sand layer with trace Gravel. Medium Sand and Coarse Sand, olive gray, poorly sorted (well graded), very loose, wet, Large Clasts @ base of deposit overlying Bedrock.	ND ND	1.065		10' 0.010 Screen



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CLIENT Raytheon

PROJECT NAME Raytheon-Wayland PROJECT NUMBER 0033366 PROJECT LOCATION Wayland, MA. Field Lab (ppm) GRAPHIC LOG PID (ppm) RECOVERY U.S.C.S. MATERIAL DESCRIPTION WELL DIAGRAM 195 SM 🔍 196.0 Bottom of hole at 196.0 feet. WAYLAND WETLANDS WAYLAND WETLANDS.GPJ MILFORD BORINGS.GDT 9/28/05