

JUL 14-16

CHESWOLD DISS. WORTH CITY OF LINDA TREATMENT

LOG OF WELL (continued)

ELEVATION 5' ABOVE MSL

Description		Sample number	Description of materials drilled			Water yield (gpm)	Remarks (Quality of water, ease of drilling, casing, loss of drilling fluid, etc.)
From-	To-		Type	Color	Other characteristics (Grain size, hardness, etc.)		
0	10	-	Fill	DARK GREY	ASH, METAL FRAGMENTS, ABANDONED LAND FILL		
10	43	-	SAND	LT BROWN	MED-COARSE LT BROWN SAND	IRONY (BASE OF PLEISTOCENE)	
43	58	-	SILT	LT GREY	SILT		
58	72	-	SAND +SILT	DK BROWN + GREY	DK BROWN SILT AND V. FINE SAND W/ MINOR CLAY	VERY LOW (FREDERICK SUBCROP / MINOR SAND)	
72	867	-	SILT	GREY	SILT		
867	107	-	SILT +SAND	LT GREY	GREY SILT W/ FINE SAND AND SHELL WASH	LOW (FEDERALSBURG, MINOR AQUIFER) 94'-95' HARD SHELL LAYER V. HARD DRILLING	
105	144	-	SILT +SAND	LT. GREY	GRAY SILT W/ THIN LAYER OF V. FINE SAND, VERY SHELLY	(CONFINING BED, LEAKY)	
144	185	-	SAND	LT. GREY	FINE-COARSE GRAY SAND W/ MINOR SHELL	CHESWOLD AQUIFER	
185	190	-	SAND	LT. GREY	FINE-MOD. UM GREY SAND W/ MINOR SHELL	"	
190	200	-	SAND	LT. GREY	FINE-MOD. UM GREY SAND FINER W/ DEPTH	" TOTAL EXPECTED Q ≈ 600gpm	
200	240	-	SILT	GREY	SILT W/ MINOR CLAY AND SHELL	CONFINING BED	

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