



## FIELD BOREHOLE LOG

BOREHOLE NO.: MW-244

TOTAL DEPTH: 106

### PROJECT INFORMATION

PROJECT: Off Depot RA

PROJECT NO.: 3200-064

SITE LOCATION: Offsite NW of Dunn Field

PROJECT MANAGER: T. Holmes

FIELD STAFF: S. Gillet

BOREHOLE STARTED: 6/29/2009

BOREHOLE FINISHED: 6/29/2009

### DRILLING INFORMATION

DRILLING CO.: WDC

DRILLER: R. Knight

DRILLING METHOD/RIG: SONIC

BOREHOLE DIAMETER: 6-inch

GROUND SURFACE ELEVATION: 289.45

WATER DEPTH/ DATE: 73.55 / 7/27/2009

BOREHOLE USE: Monitoring Well

### NOTES:

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>CL</b> Topsoil first 6". Silty clay - dark yellowish brown (10YR 3/4) hard, low plasticity, dry		Grouted Annulus
10		<b>CL</b> Silty clay - dark yellowish brown (10YR 3/4) low plasticity, moist		
20		<b>CL</b> Silty clay - dark yellowish brown (10YR 4/6) with some yellowish brown (10 YR 5/4) mottles throughout, low plasticity, moist		
30		<b>CL</b> Silty clay - 10YR (4/6) with 10YR (5/4) mottles, some gravel, moist, low plasticity		

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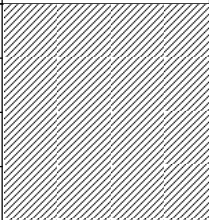

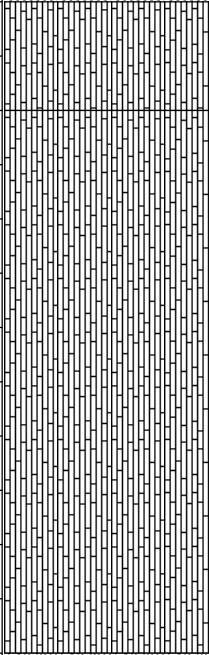
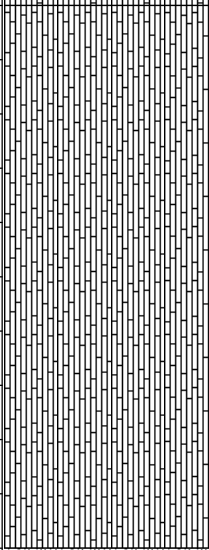

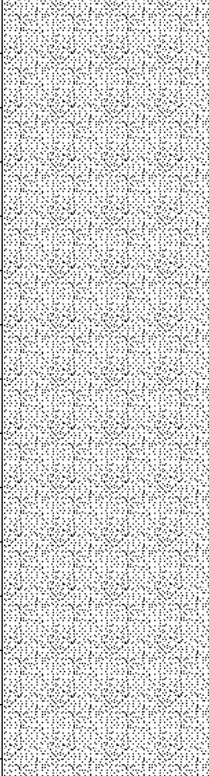
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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>CL</b> Sandy clay - dark reddish brown (2.5YR 3/4) with some gravel, low plasticity, moist		
		<b>SM</b> Silty sand - yellowish red (5YR 5/8) with some gravel, unconsolidated sand is fine grained, moist		
40		<b>SM</b> Silty sand - red (2.5YR 4/8) with very dark brown (10YR 2/2) silt lenses, with some gravel lenses, unconsolidated, sand is fine grained, moist		
50		<b>SP</b> Sand - yellowish red (5YR 5/8) poorly graded, fine to medium grained, unconsolidated, moist		
60				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>SW</b> Gravelly sand - yellowish red (5YR 5/8) with some clay, unconsolidated, sand is medium grained, dry		
		<b>SP</b> Sand - brownish yellow (10YR 6/8) trace of gravel, unconsolidated, medium grained, dry		
70				Bentonite Plug
		<b>SP</b> Sand - yellowish brown (10YR 5/8) medium grained, trace of gravel, unconsolidated, dry		
		<b>SP</b> Sand - yellowish brown (10YR 5/8) medium grained, trace of gravel, unconsolidated, dry		
80				Sand Pack
		<b>SP</b> Sand - very dark gray (10YR 3/1) medium to coarse grained, unconsolidated, moist		
		<b>SP</b> Sand - yellow(10YR 7/8) medium to coarse grained, unconsolidated, moist		
		<b>SP</b> Sand - yellow (10YR 7/8) medium to coarse grained with a trace of chert gravel, unconsolidated, moist		
90				Screened Interval

73.55-ft.

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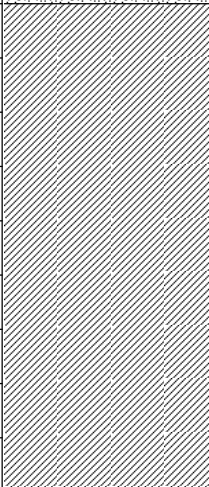
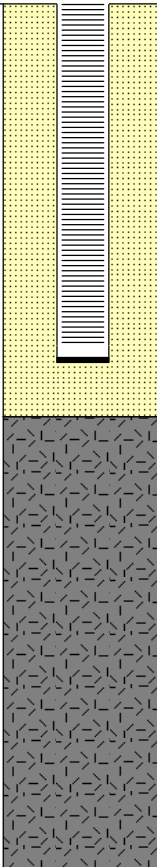
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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
100		<b>CL</b> Clay - dark gray (10YR 4/1) medium plasticity, moist		Bentonite Plug
110		End of Log		
120				

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