



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-246

TOTAL DEPTH: 115

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: 288.49

WATER DEPTH/ DATE: 73.34 / 7/27/2009

BOREHOLE USE: Monitoring Well

NOTES:

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		ML First 6" is topsoil. Clayey silt - dark yellowish brown (10YR 4/6) low plasticity, moist		Grouted Annulus
		ML Clayey silt - dark yellowish brown (10YR 4/6) low plasticity, moist		
10		ML Clayey silt - dark yellowish brown (10YR 4/6) low plasticity, moist		
20		CL Silty clay with a trace of fine sand - dark yellowish brown 10YR (4/6) low plasticity, moist		
		SC Clayey sand with a trace of gravel - red (2.5YR 5/8) sand is fine to medium grained, loose, moist		
30				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		SP Sand - red (2.5YR 5/8) medium to coarse grained, loose, trace of gravel, moist		
		SP Sand - red (2.5YR 5/8) medium to coarse grained, loose, trace of gravel, moist		
40		SC Clayey sand - yellowish red (5YR 5/8) trace of gravel and a trace of silt lenses (<0.5"), loose, moist		
		SP Sand - red (2.5YR 5/8) fine to medium sand, trace of gravel, loose, moist		
		SW Sand - yellowish brown (10YR 5/6) medium to coarse sand, trace of gravel, loose, moist		
50		SP Sand - yellowish red (5YR 5/8) fine to medium grained, loose, moist		
		SW Sand - brown yellow (10YR 6/8) fine to medium sand with a trace of gravel, loose, moist		
		SW Sand - yellow (10YR 7/8) fine to medium grained sand, loose, some coarse sand, moist		
60		SW Sand - yellow (10YR 7/8) fine to medium sand, loose, dry		

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
70		SW Sand - yellow (10YR 7/8) fine to medium sand, loose, dry		Bentonite Plug
		SW Sand - reddish yellow (7.5YR 6/8) medium to coarse sand, loose, moist		
80		SW Sand - reddish yellow (7.5YR 6/8) medium to coarse sand, loose, moist		
90		SP Sand - brownish yellow (10YR 6/8) medium to coarse sand, loose, wet		

73.34-ft.

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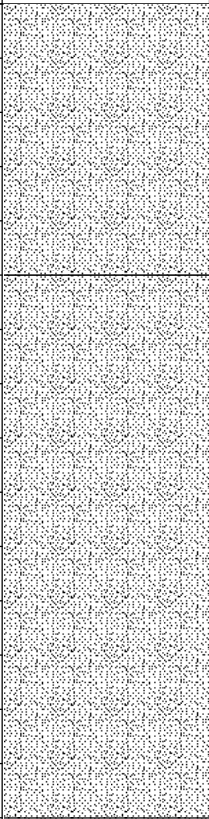
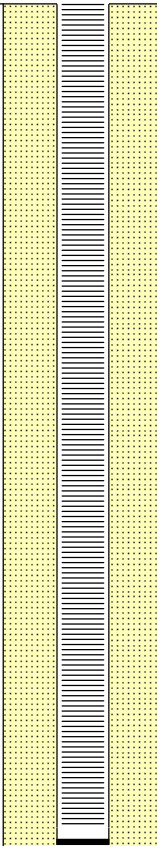
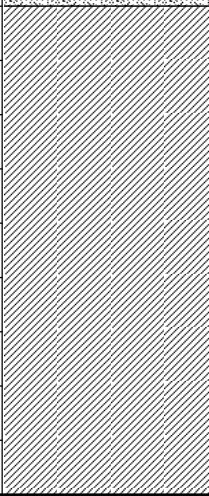
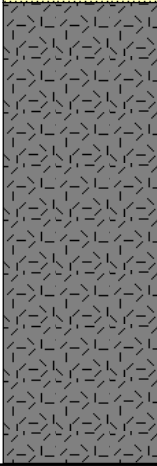
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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
100		<p>SP Sand - brownish yellow (10YR 6/8) medium to coarse sand, loose, wet</p>		Sand Pack
110		<p>SP Sand - brownish yellow (10YR 6/8) medium to coarse sand, loose, wet</p> <p>CL Clay - dark grey (10YR 4/1) medium stiff, moist</p>		Bentonite Plug
120		End of Log		

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