



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-241

TOTAL DEPTH: 95

PROJECT INFORMATION

PROJECT: Off Depot RA

PROJECT NO.: 3200-064

SITE LOCATION: Offsite NW of Dunn Field

PROJECT MANAGER: T. Holmes

FIELD STAFF: J. Sperry

BOREHOLE STARTED: 6/22/2009

BOREHOLE FINISHED: 6/22/2009

DRILLING INFORMATION

DRILLING CO.: WDC

DRILLER: C. Rockhill

DRILLING METHOD/RIG: SONIC

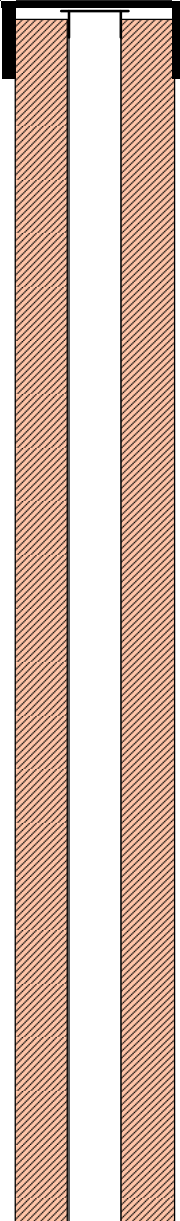
BOREHOLE DIAMETER: 6-inch

GROUND SURFACE ELEVATION:

WATER DEPTH/ DATE: 76.11 / 7/27/2009

BOREHOLE USE: Monitoring Well

NOTES:

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		CL Silty clay - bluish grey (Gley 5/5PB) mostly slough material, low plasticity, moist		Grouted Annulus
		CL Clay - strong brown (7.5YR 5/6) with some silt, very low plasticity, moist		
10		CL Clay - greenish grey (Gley 6/10PB) with iron oxidation in pore space, low plasticity, moist		
		CL Clay - greenish grey (Gley 6/10PB) with iron oxidation in pore space, low plasticity, moist		
20		CL Silty clay - yellowish red (5YR 5/8) medium plasticity, moist		
		CL Silty clay - red (2.5YR 4/8) with trace sand, moist		
30				

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Depth	Soil Symbol	Soil Description	Well Completion		Well Description
		SC Clayey sand - light bluish grey (Gley 7/10B) with small piece of aragonite, shells of mussels etc., sand was medium to fine grained, moist			
		SC Clayey sand - light bluish grey (Gley 7/10B) with small pieces of aragonite, shells of mussels etc. sand was medium to fine grained, moist			
40		SC Clayey sand - reddish brown (5YR 5/4) sand is medium to fine grained, trace gravel, moist			
		SW Sand - reddish yellow (5YR 7/6) fine to medium grained, dry			
		SC Clayey sand - pinkish grey (5YR 6/2) sand is medium to coarse grained, trace gravel, moist			
50		SW Clayey sand - reddish yellow (7.5YR 8/6) fine grained sand with gravel, dry			
		No Recovery			
60					

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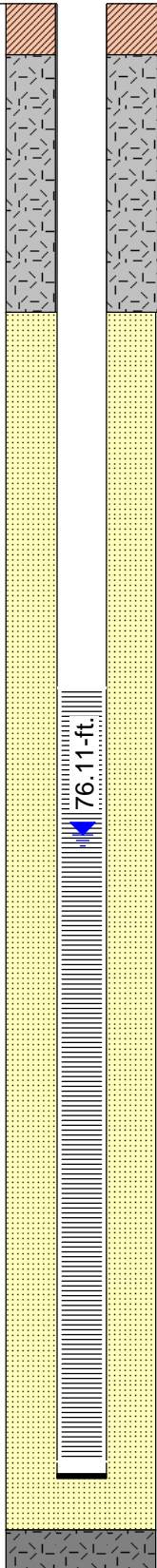
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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		SW Sand - yellowish red (5YR 5/6) med to course grained sand, trace gravel, moist		Bentonite Plug
		SW Sand - yellowish red (5YR 5/6) med to course grained with trace gravel, moist		
70		ML Rock powder - pale red (2.5 YR 7/2) pulverized rock powder from sonic, possibly a silt or mudstone, dry		Sand Pack
		SW Sand - reddish yellow (7.5YR 6/8) med to course grained, capillary zone, moist		Screened Interval
80		SC Clayey sand - light red (2.5YR 6/8) med to fine grained, bluish grey (Gley 5/10B) mottles, wet		
		CL Sandy clay - red (2.5YR 5/6) very low plasticity, very stiff, moist		
90				

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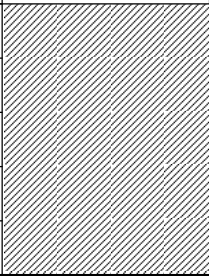
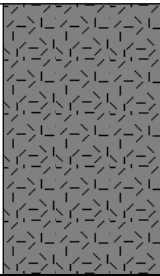
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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		CL Clay - bluish grey (Gley 5/5PB) stiff, low plasticity, moist		
100		End of Log		
110				
120				

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