Log of Boring No. BRC-SB-08-A

BMI Site - Hydrogeologic Characterization



Drilling Method: Mud Rotary **Drilling Equipment:** Gefco 15K

Sample Type: Grab/Soil Cuttings[

Drilling Contractor: Water Development Corporation

Driller: Steve Odom

Sample Interval Varied

Date Completed: 3/10/04

Borehole Total Depth: 400 ft bgs

Borehole Diameter: 10 in

Boring Location: Location 8 (Well ID: MCF-08A)

Depth to Water (ft. bgs): NA

Monitoring Well Construction

Type of Surface Seal:

Bentonite-Grout 4" Sch 80 PVC Screen Slot Size: Top of Screen (ft. bgs): 0.010 in 29 ft bas

Basic Remediation

Logged By: Adam Norris

Date Started: 3/9/04

Blank Casing Type/Size:
Screen Type/Size:

Screen Type/Size: 4" Sch 80 PVC
Transition Sand Type: 0.010 in

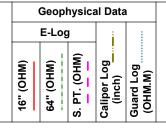
Bottom of Screen (ft. bgs): 4
Type of Sand Pack: #

49 ft bgs #10 x 20

Well Construction

Depth
Elevation (BGS)
Sample Type
Sample Interval
Sample Recovery
Sample Retained
for Analysis
PID

Soil Description



Lockina Grah SM: Silty Sand with Gravel, light gray (10YR7/2), dry, nonplastic silt, monument subangular to subrounded sand, subangular to subrounded fine to coarse volcanic gravel (up to 3" long). Approximately 15% gravel, 5% coarse sand, 10% medium sand, 40% fine sand, and 30% silt. well box with concrete apron and ballards Grades with some local volcanic cobbles. Cement Bentonite Grout As above but with a color change to very dark grayish brown (10YR3/2). Approximately 15% gravel, 20% coarse sand, 30% medium sand, 20% fine sand, 15% silt. Grab 0.5/5 NA 4" Blank **PVC Riser** Trace local volcanic cobbles. -10 0.5/5 Grab NA As above with an increase (approximately 5%) in fine sand. Trace local volcanic cobbles 0.5/5 NA As above, increase (approximately 5%) in fine sand. Approximately Grab 15% gravel, 15% coarse sand, 25% medium sand, 30% fine sand, 15% Some local volcanic cobbles -20 As above, color change to dark grayish brown (10YR4/2), and increase Grab 0.5/5 NA Bentonite (approximately 5%) in gravel. Cement Grout Some local volcanic cobbles

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Log of Boring: BRC-SB-08-A



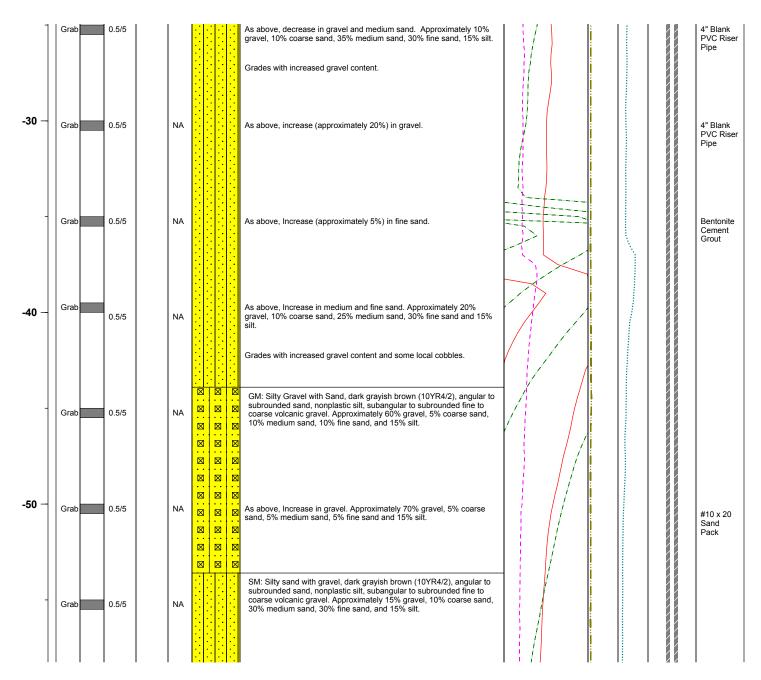
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Henderson, Nevada

Log of Boring No. BRC-SB-08-A

									Geophysic	al Data	l	uo
Depth Elevation (BGS)	Sample Type	Sample Interval	Sample Recovery	Sample Retained for Analysis	PID	Lithology	Soil Description	16" (OHM)	64" (OHM) S. PT. (OHM)	Caliper Log (inch)	Guard Log (OHM.M)	Well Constructi



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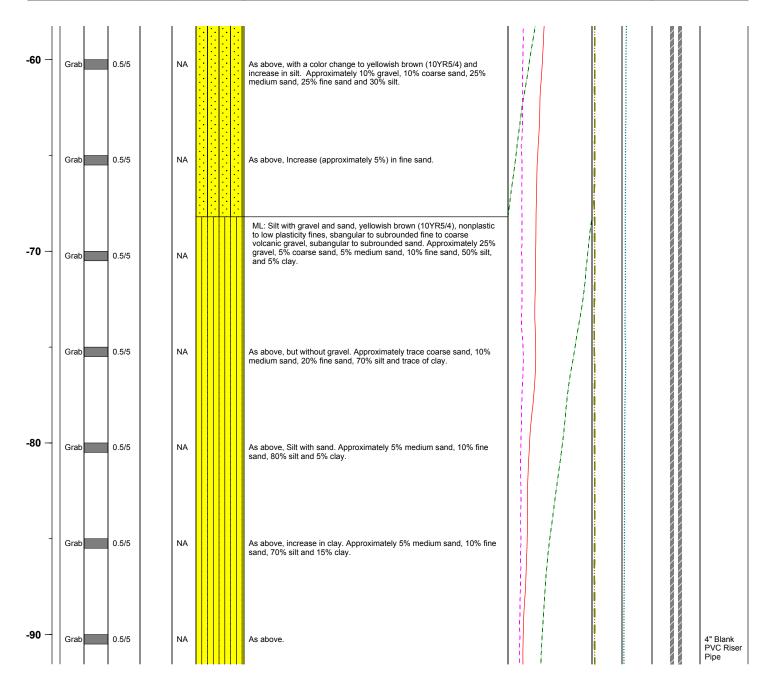




Henderson, Nevada

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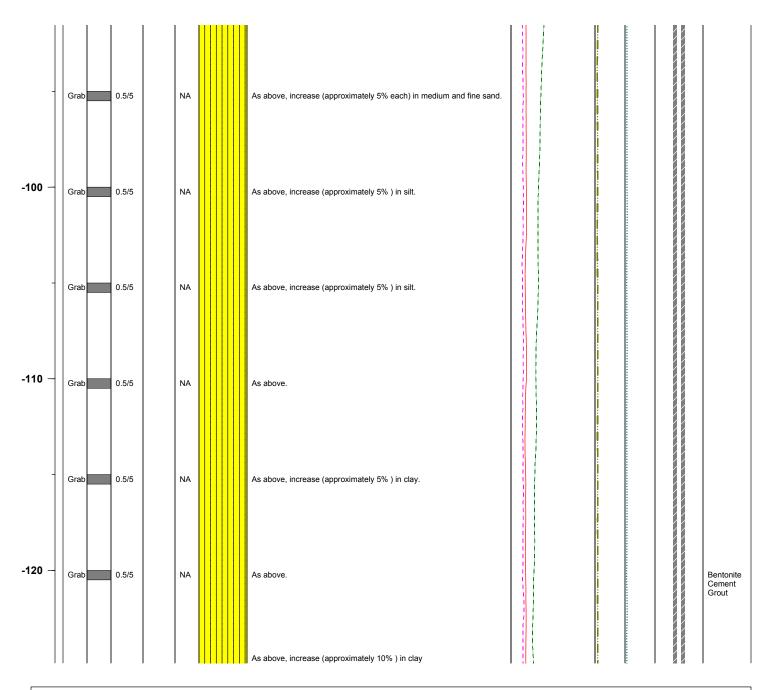




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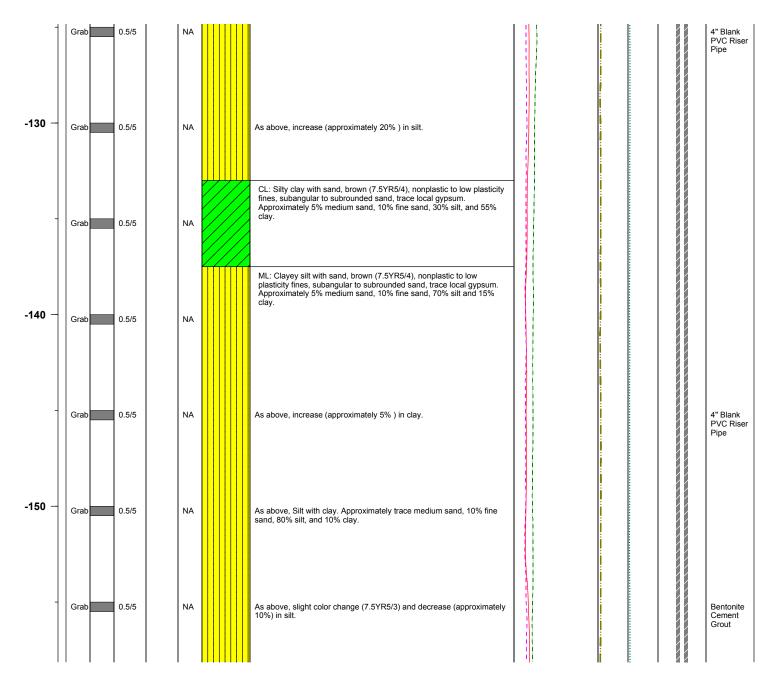




Henderson, Nevada

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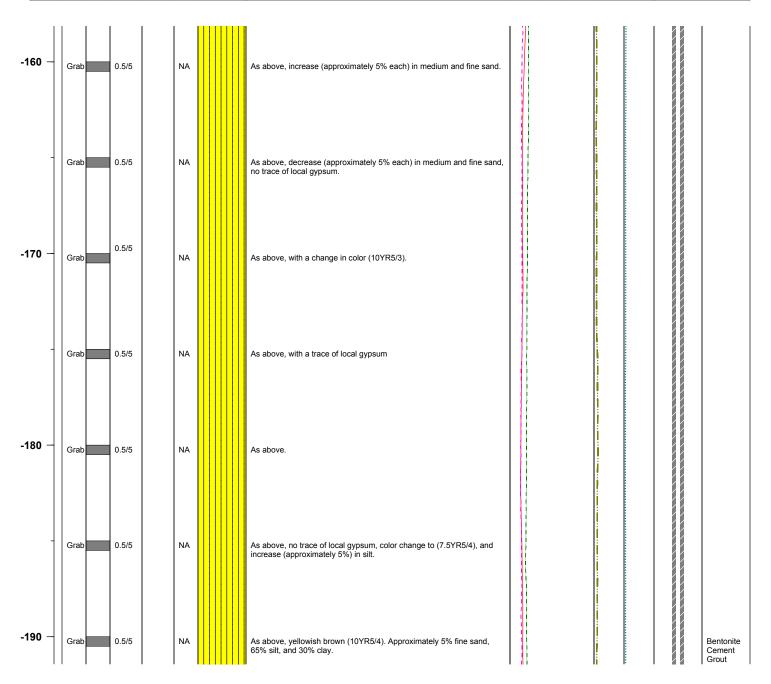




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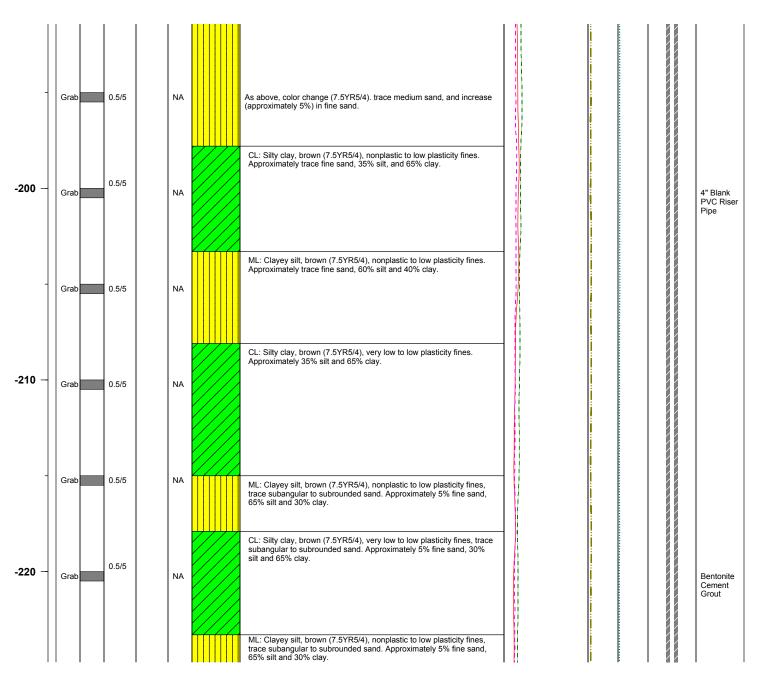




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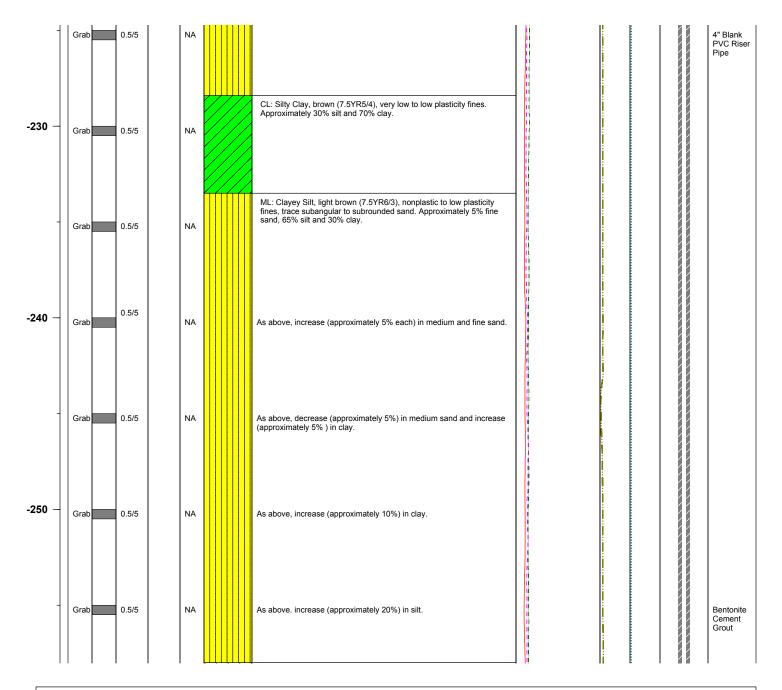




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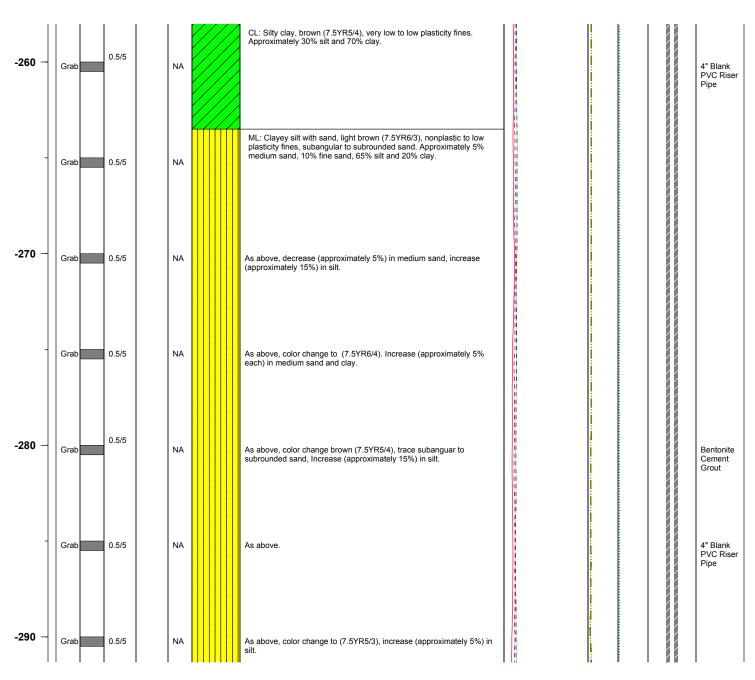




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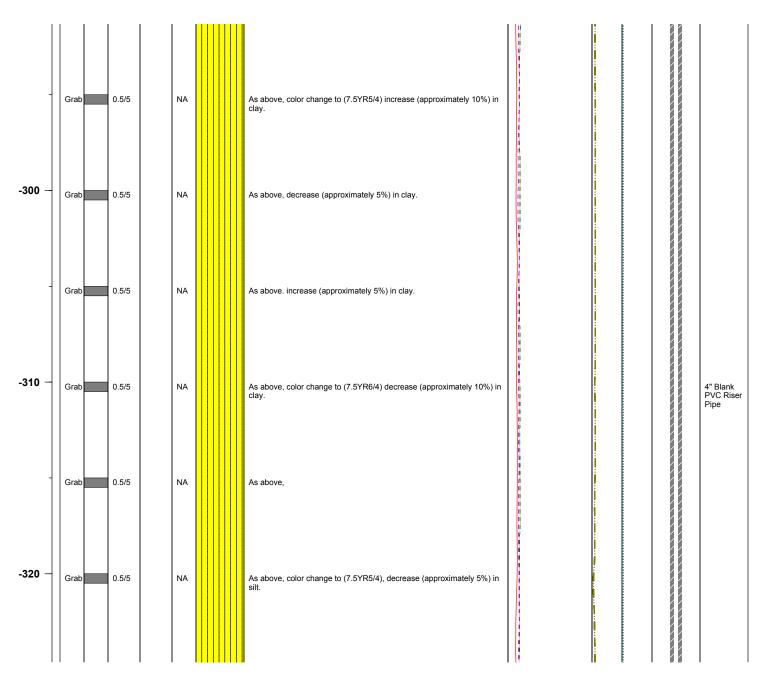




Henderson, Nevada

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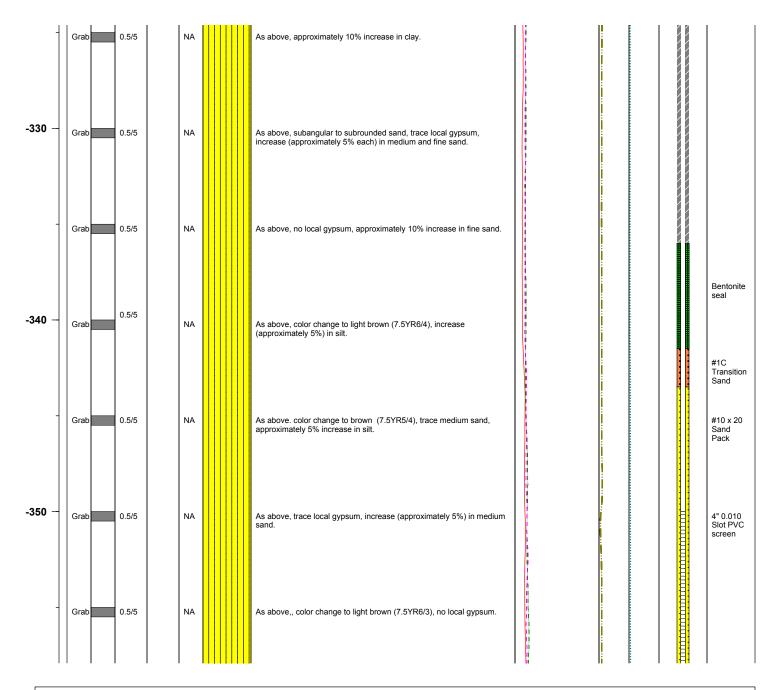




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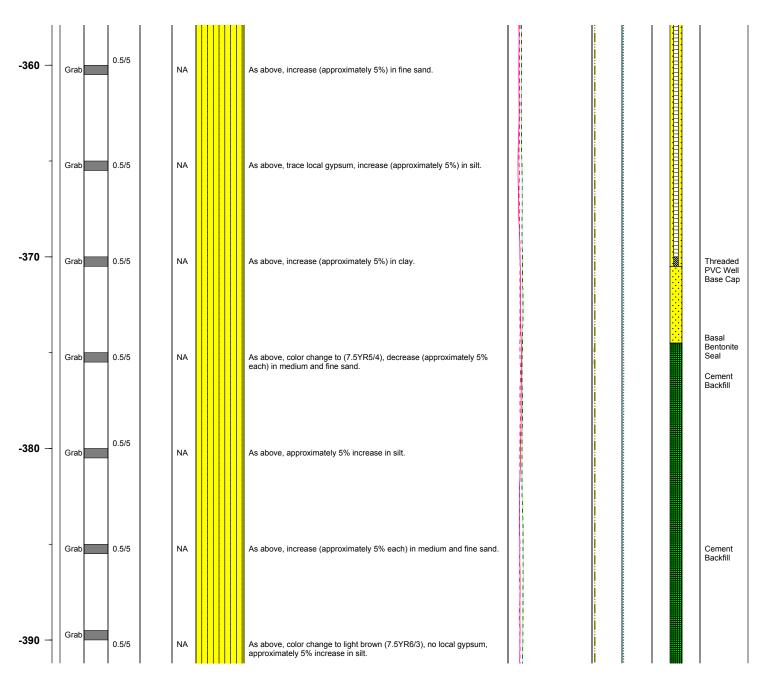




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Project No. 3850360



BMI Site - Hydrogeologic Characterization Basic Remediation Henderson, Nevada Log of Boring No. BRC-SB-08-A **Geophysical Data** Well Construction Sample Retained for Analysis Sample Recovery Depth Elevation (BGS) E-Log Sample Interval Sample Type S. PT. (OHM) Caliper Log (inch) = Guard Log (OHM.M) Lithology 16" (OHM) 64" (OHM) **Soil Description** 0.5/5 NA As above, trace local gypsum.

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0.5/5

Grab

-400

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