## Log of Boring No. BRC-SB-01-A

#### **BMI Site - Hydrogeologic Characterization**

#### Henderson, Nevada

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

**Drilling Contractor:** Water Development Corporation

Driller: Juan Aguilar

Borehole Total Depth: 400 ft bgs **Borehole Diameter:** 

**Boring Location:** Location 1 (Well ID: AA-01)

**Monitoring Well Construction** 

Depth to Water (ft. bgs): NA

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(OHM.M)

(inch)

Sample Type: Continuous Core Sample Interval Continuous

Logged By: Dave Kremer Date Started: 2/21/04 Date Completed: 2/23/04 Type of Surface Seal:

Blank Casing Type/Size: Screen Type/Size:

Transition Sand Type:

Bentonite-Grout 4" Sch 80 PVC

4" Sch 80 PVC #1C

Screen Slot Size: Top of Screen (ft. bgs): Bottom of Screen (ft. bgs):

Type of Sand Pack:

0.010 in 29 ft bas 49 ft bgs #10 x 20

Soil Description

**Geophysical Data** E-Log (MHO) Caliper Log (MHO) (MHO) Guard Log

Ε.

Well Construction

Basic Remediation

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

Lockina SM: Poorly graded sand, brown (7.5YR4/4), unconsolidated, wet (drilling mud?), subrounded to subangular gravel (pea sized), sand is well box subrounded to subangular, no cementation, nonplastic. Approximately 5% gravel, 10% coarse sand, 30% medium sand, concrete 40% fine sand and 15% silt. apron and ballards 2/5 NA Grab Cement Bentonite Grout SW: Well graded sand with silt, brown (7.5YR4/4), unconsolidated, -10 Grab 2.5/5 NA 4" Blank wet (drilling mud?), gravel is subrounded to subangular (pea sized up to 2"), coarse sand is subrounded to subangular, no cementation, **PVC Riser** nonplastic. Approximately 10% gravel, 20% coarse sand, 30% medium sand, 30% fine to very fine sand and 10% silt. Grab 2.3/5 NA As above, increase (approximately 10%) in subrounded to subangular volcaniclastic gravel up to 1" in size. Increase (approximately 10%) in medium and coarse sand. No clay No gravel, increase (approximately 40%) in fine sand, decrease (approximately 15%) in coarse sand. Grab -20 2/5 NA As above, increase (approximately 10%) in subrounded to subangular Bentonite volcanoclastic gravel up to 1" in size. seal

Project No. 3850360

Log of Boring: BRC-SB-01-A

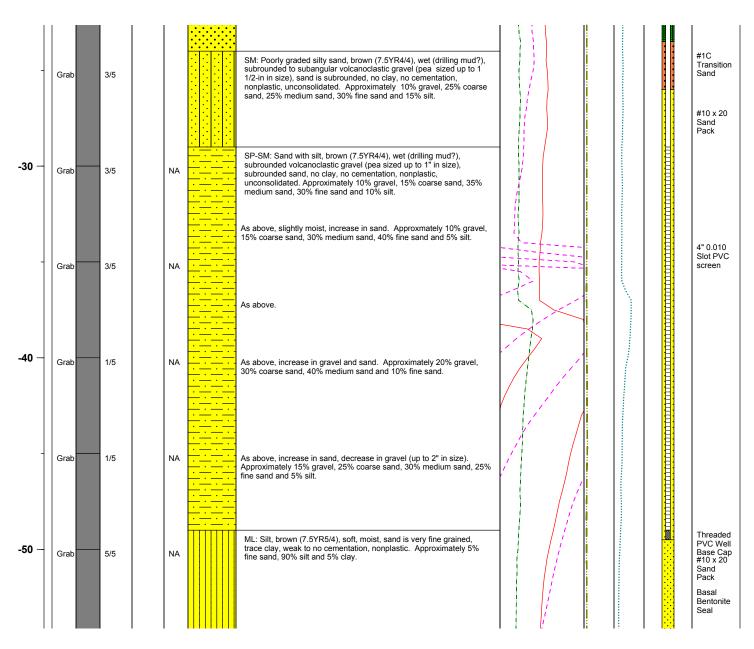
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#### Henderson, Nevada

# Log of Boring No. BRC-SB-01-A

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



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MWH

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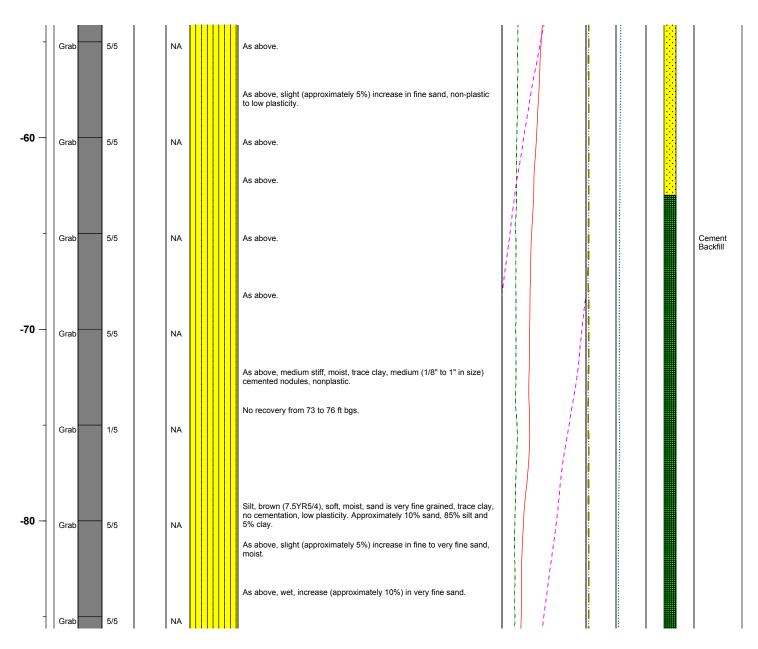
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#### Henderson, Nevada

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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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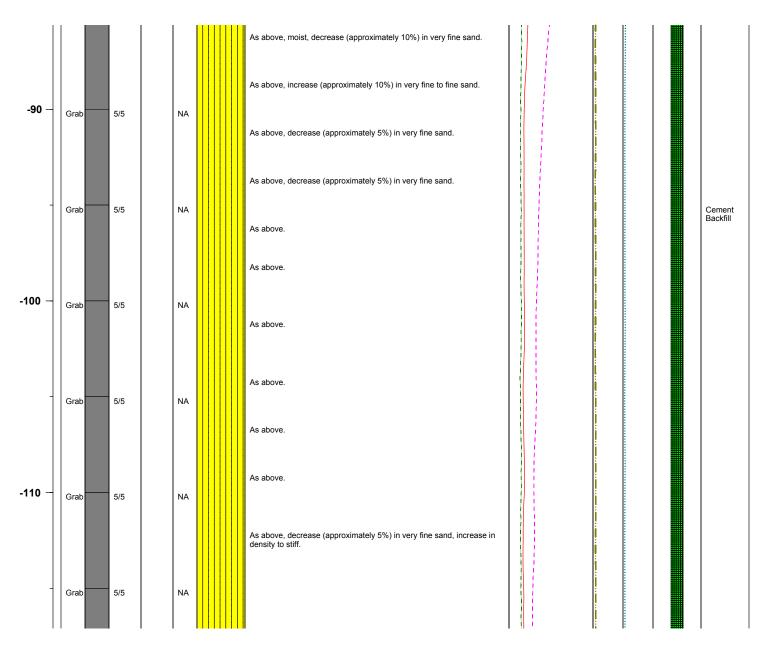




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Depth Elevation (BGS)	Sample Type	Sample Interval	Sample Recovery	Sample Retained for Analysis	PID	Lithology	Soil Description	16" (OHM) 64" (OHM)	S. PT. (OHM)	Caliper Log (inch)	Guard Log (OHM.M)	Well Constructi



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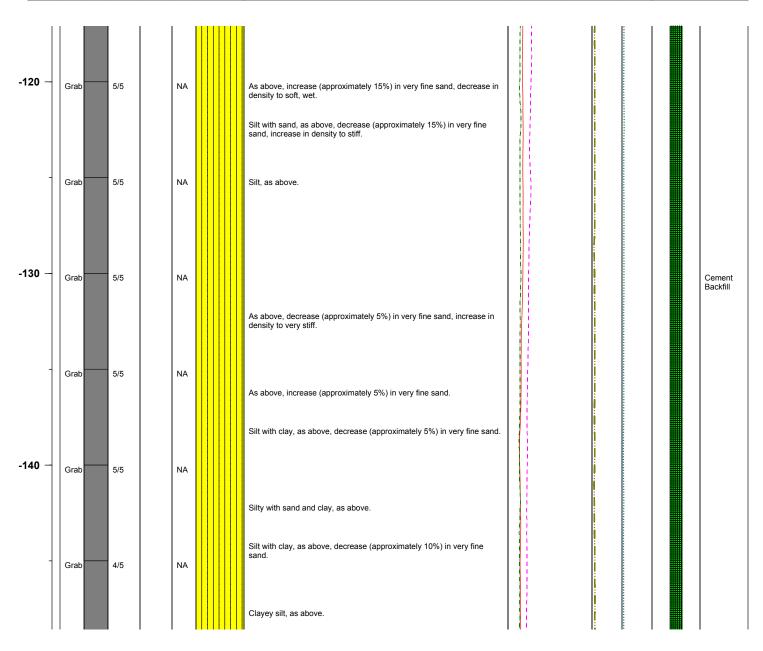




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Dept	ion (B	Sample Type	Sample Recovery	Sample Retained for Analysis	PID	Lithology	Soil Description	16" (OHM) 64" (OHM)	S. PT. (OHM)	Caliper Log (inch)	Guard Log (OHM.M)	Well Construction



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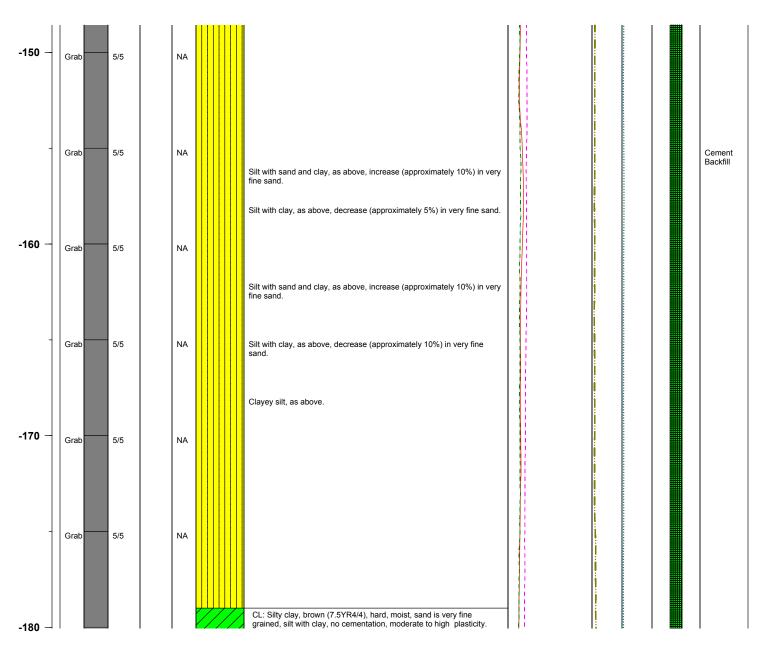
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## Henderson, Nevada

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



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Log of Boring: BRC-SB-01-A

**₩** MWH

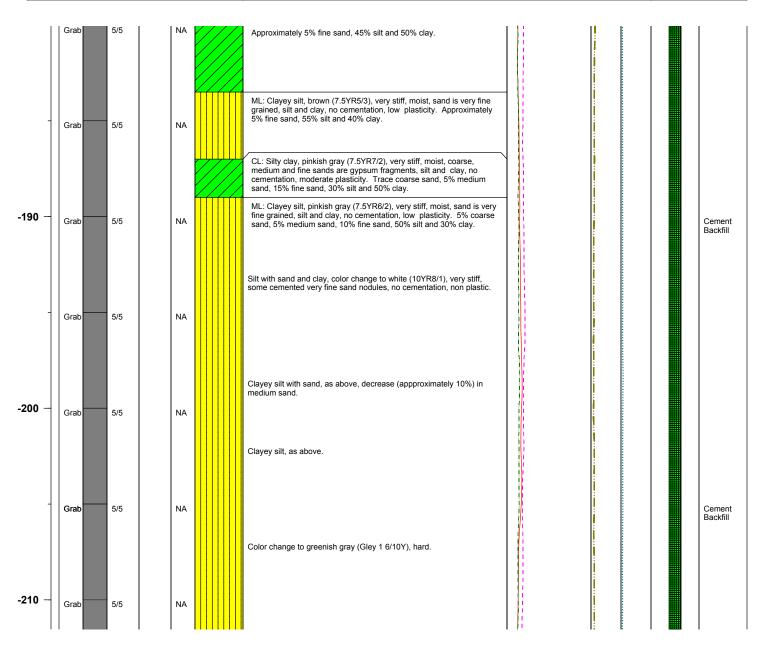
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Depth Elevation (BGS)	Sample Type	Sample Interval	Sample Recovery	Sample Retained for Analysis	PID	Lithology	Soil Description	16" (OHM)	64" (OHM)	S. PT. (OHM)	Caliper Log (inch)	Guard Log (OHM.M)	Well Constructi



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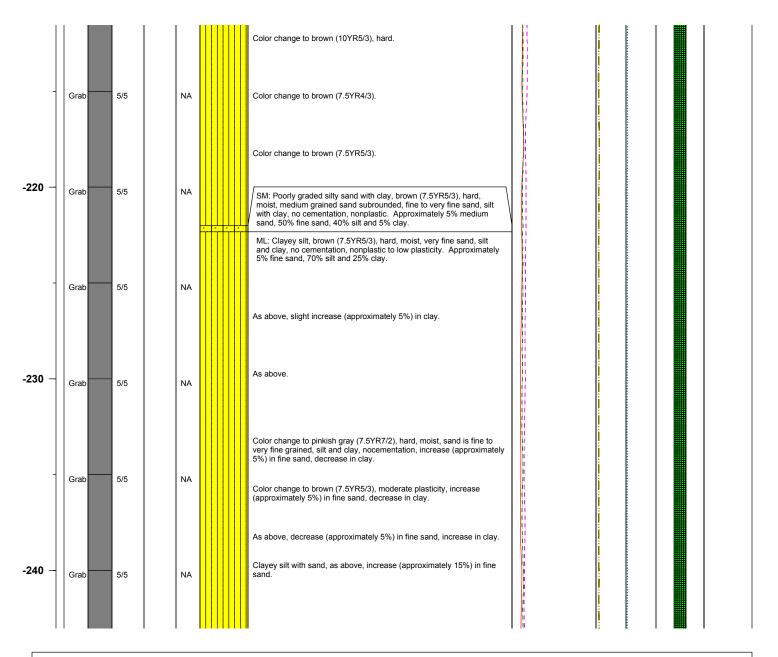
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Depth Elevation (BGS)	Sample Type	Sample Interval	Sample Recovery	Sample Retained for Analysis	PID	Lithology	Soil Description	16" (OHM) 64" (OHM)	S. PT. (OHM)	Caliper Log (inch)	Guard Log (OHM.M)	Well Constructi



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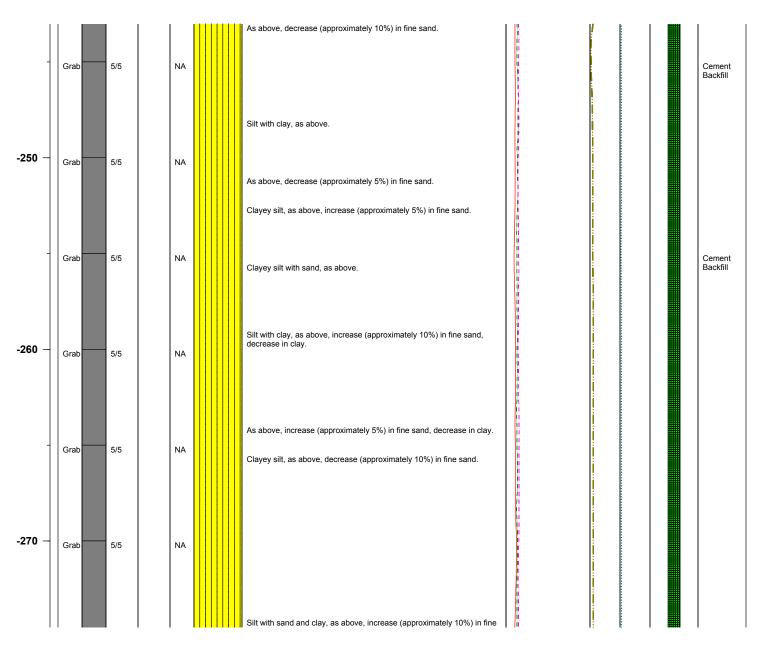




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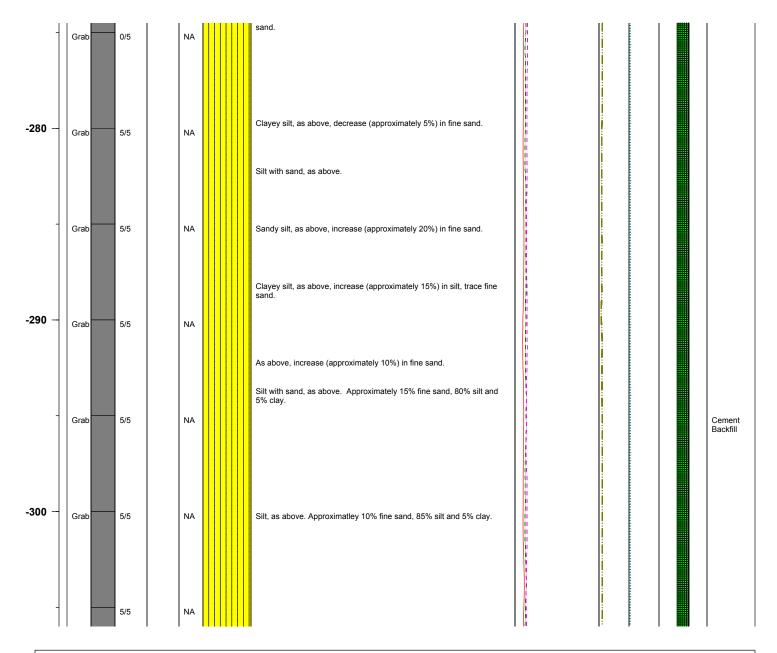




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Depth Elevation (BGS)	Sample Type	Sample Interval	Sample Recovery	Sample Retained for Analysis	PID	Lithology	Soil Description	16" (OHM)	64" (OHM) S. PT. (OHM)	Caliper Log (inch)	Guard Log (OHM.M)	Well Construction



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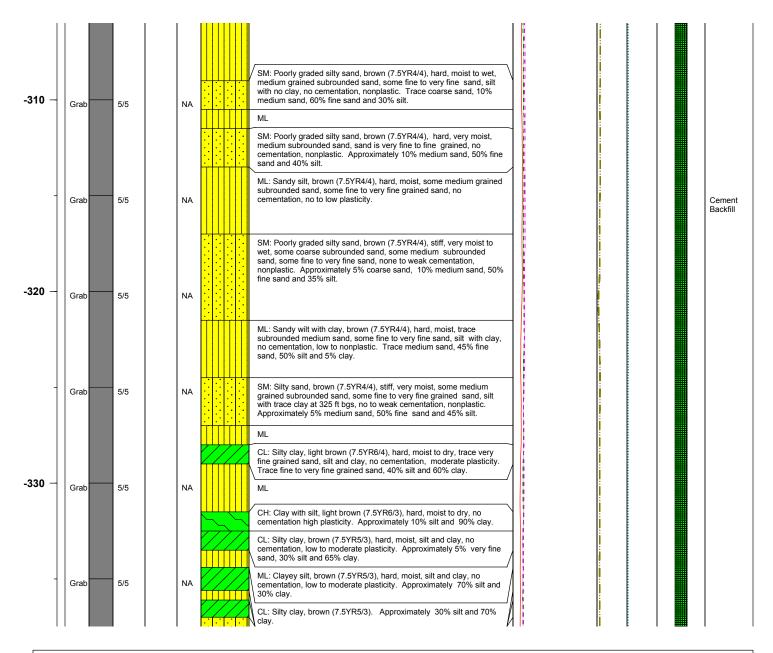
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D <sub>e</sub> Elevation	Sample	Sample	Sample	Sample for A	PID	Litholog	Soil Description	16" (OH 64" (OH S. PT. (O	Caliper L (inch)	OHM.M	Well (



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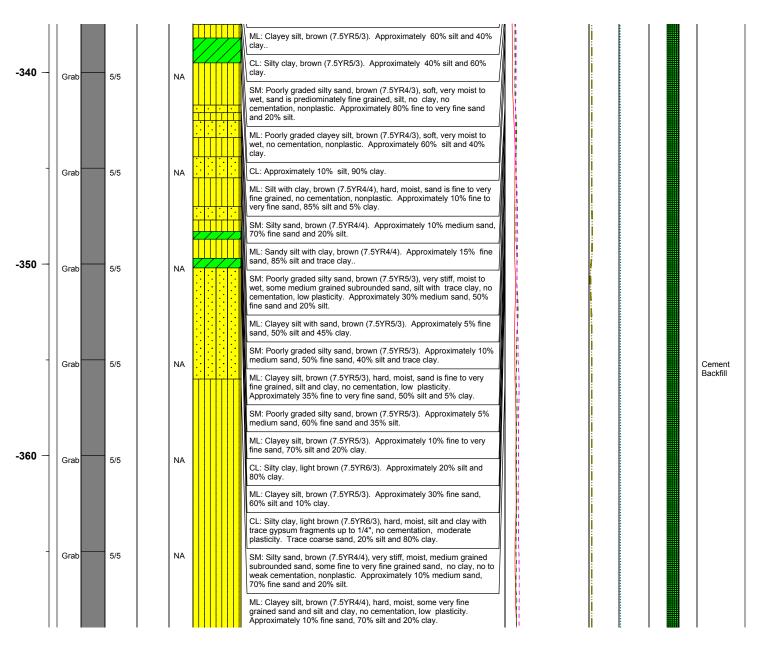




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Depth Elevation (BGS)	nple Ty	Sample Interval	Sample Recovery	Sample Retained for Analysis	PID	Lithology	Soil Description	16" (OHM) 64" (OHM) S. PT. (OHM)	Caliper Log (inch) Guard Log	Well Constructi



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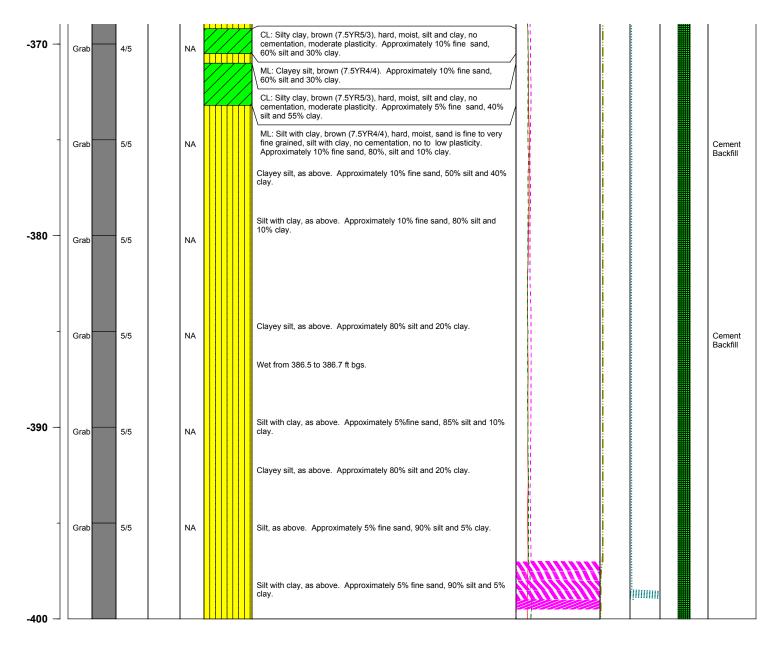
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Depth Elevation (BGS)	Sample Type	Sample Interval	Sample Recovery	Sample Retained for Analysis	PID	Lithology	Soil Description	16" (OHM)	64" (OHM) PT- S. PT. (OHM)	Caliper Log (inch)	Guard Log (OHM.M)	Well Constructi



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