#### Log of Boring No. BRC-SB-16-B **Basic** Remediation **BMI Site - Hydrogeologic Characterization** Henderson, Nevada Drilling Method: Rotary Sonic Borehole Total Depth: 368.5 ft bgs Drilling Equipment: Rotary Sonic **Borehole Diameter:** 9.5 in to 97 ft, 8.5 in to 367 ft bgs Drilling Contractor: Prosonic Corporation **Boring Location:** Location 16 (Well ID: MCF-16B) Driller: Gerardo Chavez Depth to Water (ft. bgs): 57.5 ft bgs $\bigtriangledown$ Sample Type: Split spoon **Monitoring Well Construction** Sample Interval 5 ft **Bentonite Grout** Screen Slot Size: 0.010 in Type of Surface Seal: Logged By: Jennifer Wiley Blank Casing Type/Size: 4" Sch 80 PVC Top of Screen (ft. bgs): 283.7 Date Started: 5/23/04 Screen Type/Size: 4" Sch 80 PVC Bottom of Screen (ft. bgs): 313.7 ft bgs Date Completed: 5/27/04 Transition Sand Type: N/A Type of Sand Pack: #2 x 12 Sample Recovery Sample Retained Sample Interval Elevation (MSLD) Analysis Sample Type (feet) Depth Lithology õ ЫО Well Construction Soil Description 0 1.5/1.5 Grat 0.2 Locking SP: Poorly graded sand, pale brown (10YR 6/3), loose, unconsolidated, dry, angular to monument well subrounded granitic and volcanic sand and gravel (up to 1.5" long), trace silt, noncemented, no odor. Approximately 5% gravel, 5% coarse sand, 45% medium sand, 45% fine sand. Trace box with concrete apron silt and no clay and ballards 0.1 Collected BRC-16-B-0 for chemical analysis 0.1 Poorly graded sand, pale brown (10YR 6/3), loose, unconsolidated, dry, angular to subrounded Cement volcanic sand and gravel (up to 1" long), trace silt, non-cemented, no odor. Approximately 5% gravel, 5% coarse sand, 45% medium sand, 45% fine sand. Trace silt and no clay. Bentonite Grout 0.1 1.5/1.5 Grab Collected BRC-16-B-7 for chemical analysis 0.1 Poorly graded sand with gravel, pale brown (10YR 6/3), loose, unconsolidated, dry, subangular to subrounded volcanic sand and gravel (up to 2.5" long), trace silt, non-cemented, no odor. Approximately 20% gravel, 15% coarse sand, 25% medium sand, 40% fine sand. Trace silt and -10 0 1 4" Blank PVC no clay. Riser Pipe 0.1 0.1 Poorly graded sand with gravel, pale brown (10YR 6/3), loose, unconsolidated, dry, subangular to subrounded volcanic sand and gravel (up to 3/4" long), trace silt, noncemented, no odor. Approximately 20% gravel, 5% coarse sand, 40% medium sand, 35% fine sand, trace silt, and 0.1 no clay. Grab 1.5/1.5 Collected BRC-16-B-17 for chemical analysis 0.1 -20

Poorly graded sand with gravel, pale brown (10YR 6/3), loose, unconsolidated, dry, subangular 0.1 to subrounded volcanic sand and gravel (up to 2" long), trace silt, noncemented, no odor. Approximately 15% gravel, 5% coarse sand, 40% medium sand, 40% fine sand, trace silt, and no clav. 0.1 0.1

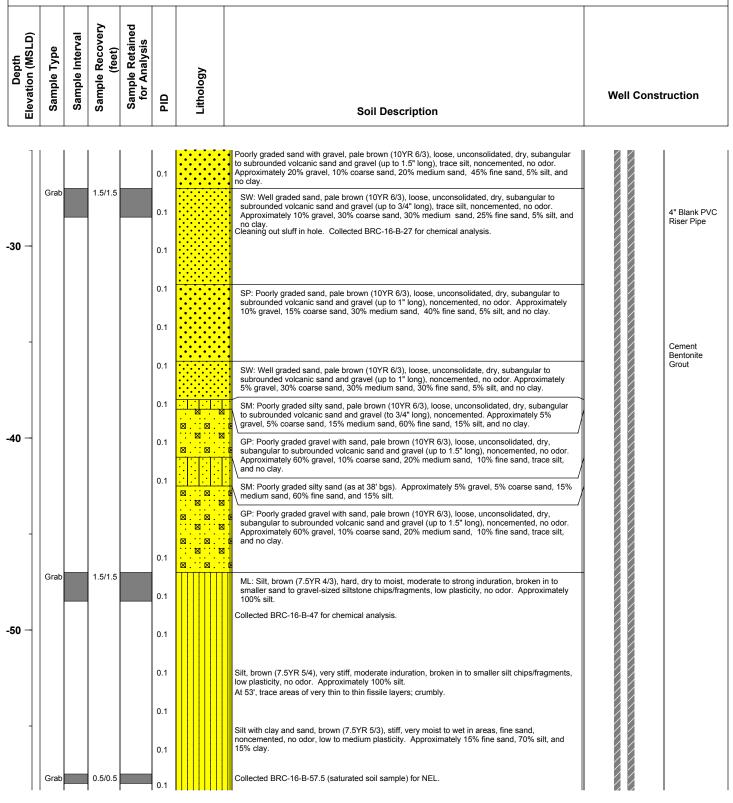
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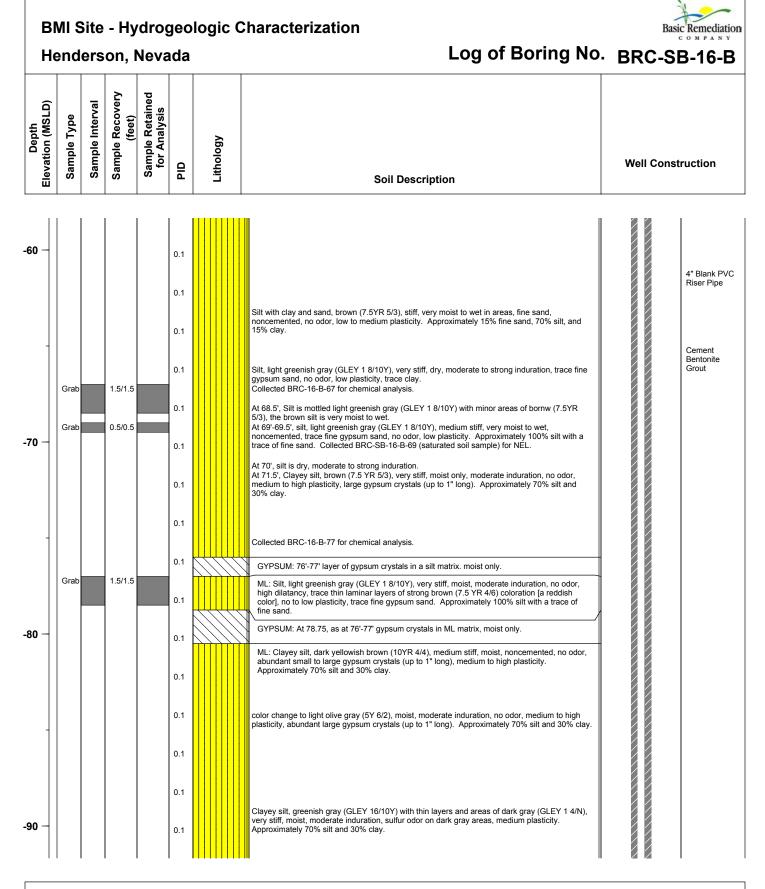


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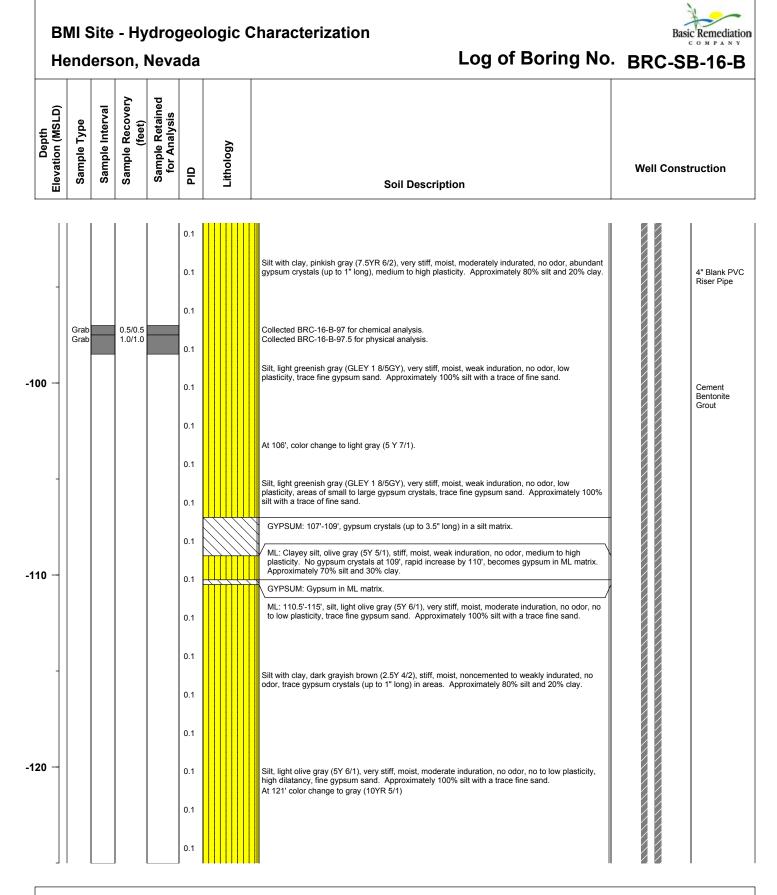
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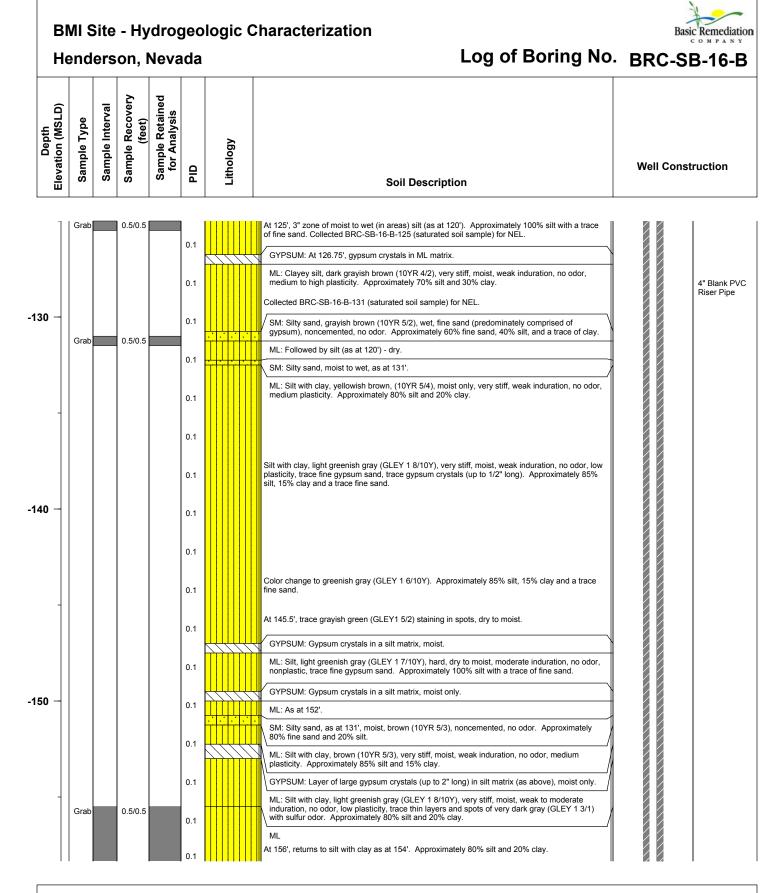




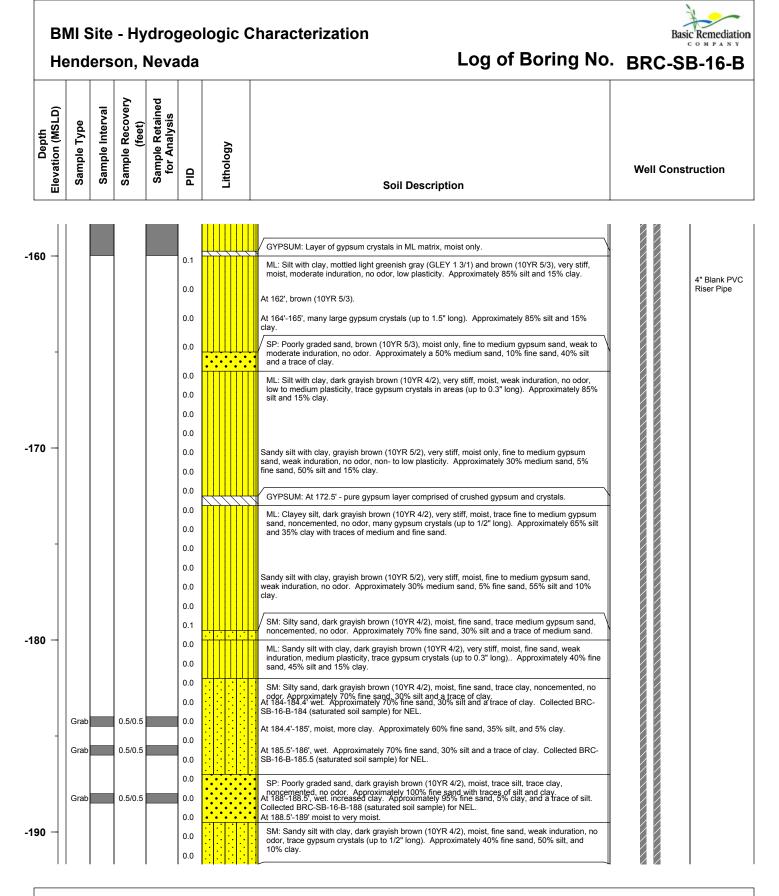


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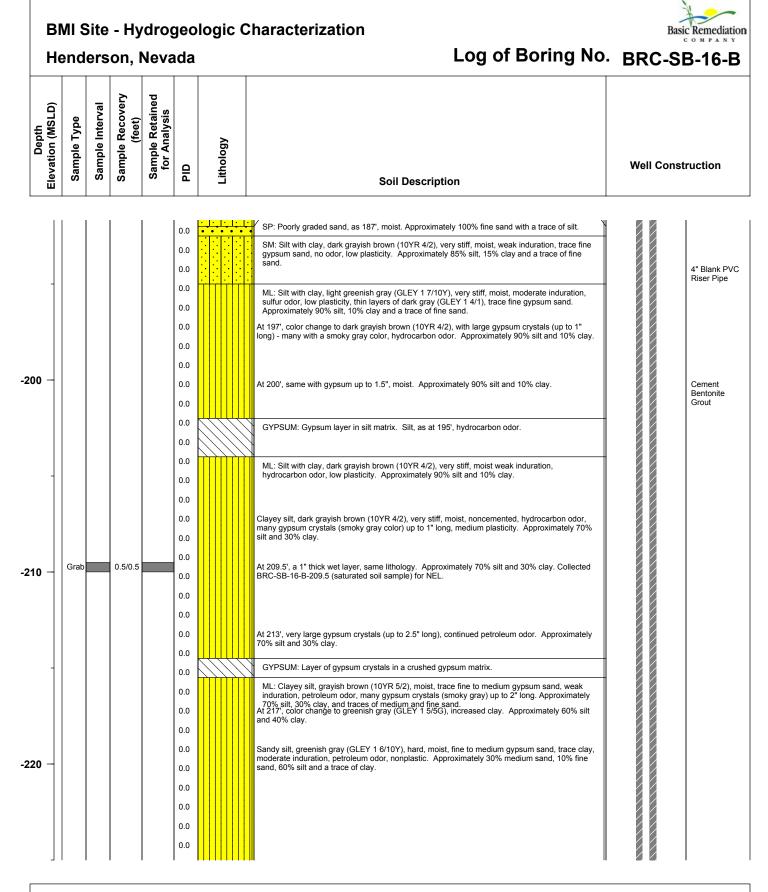


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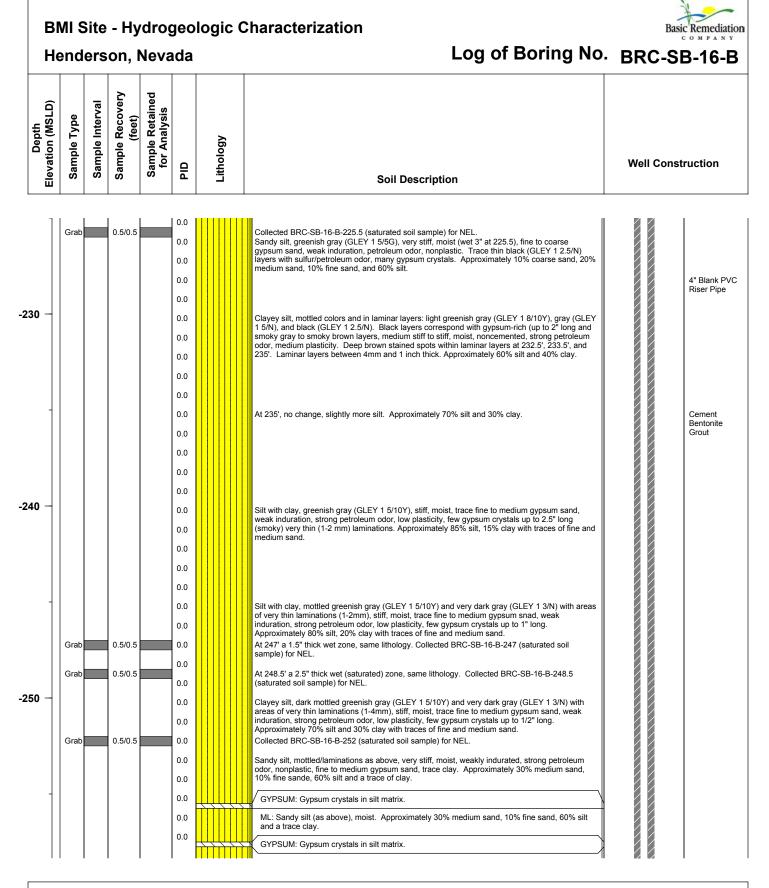
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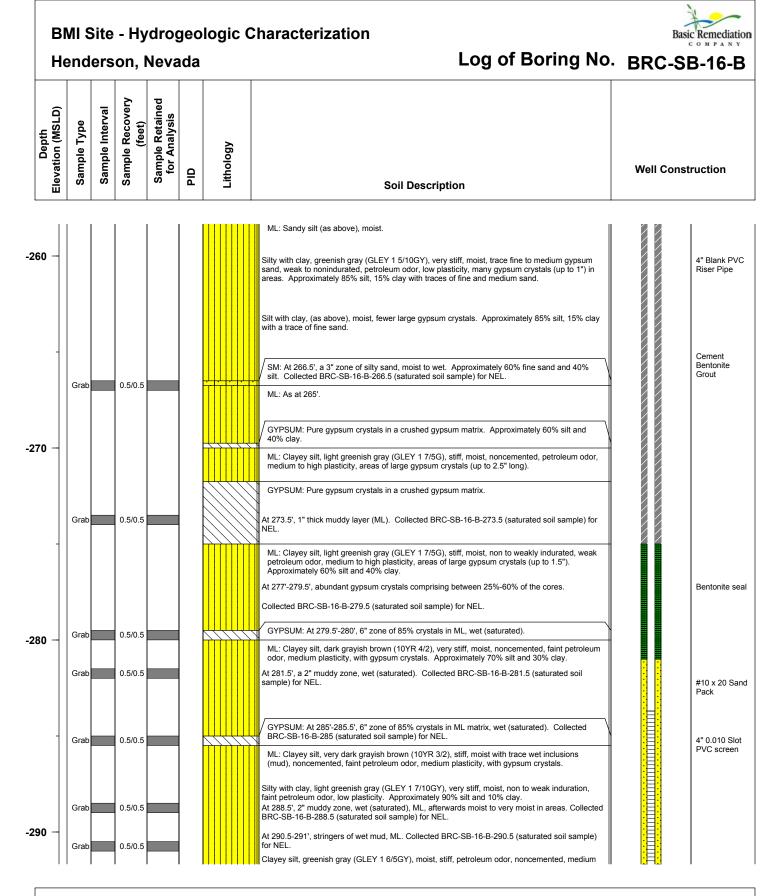
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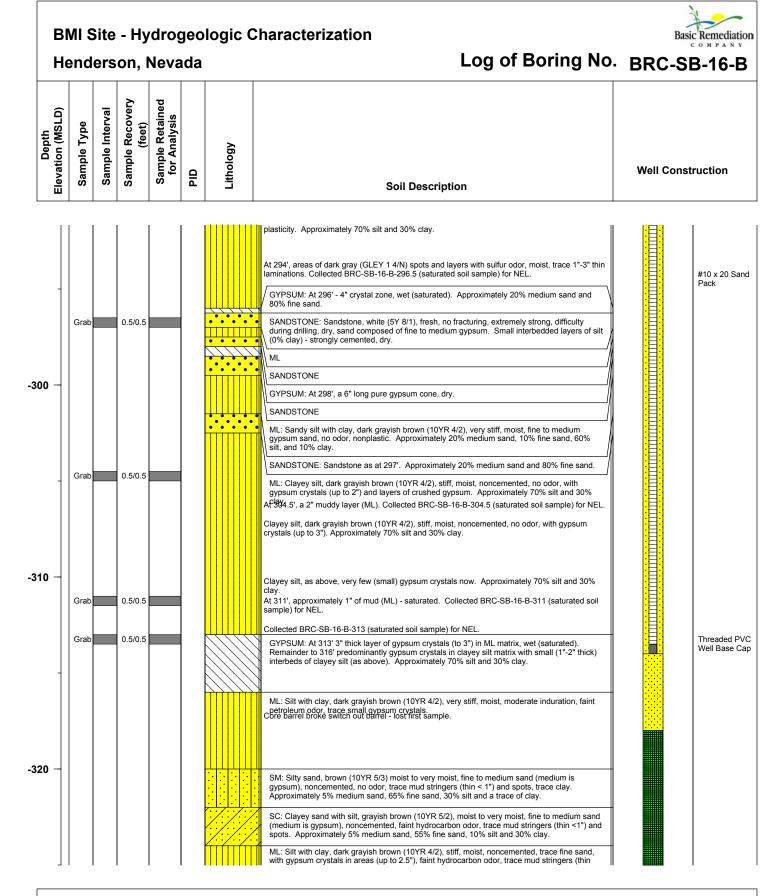






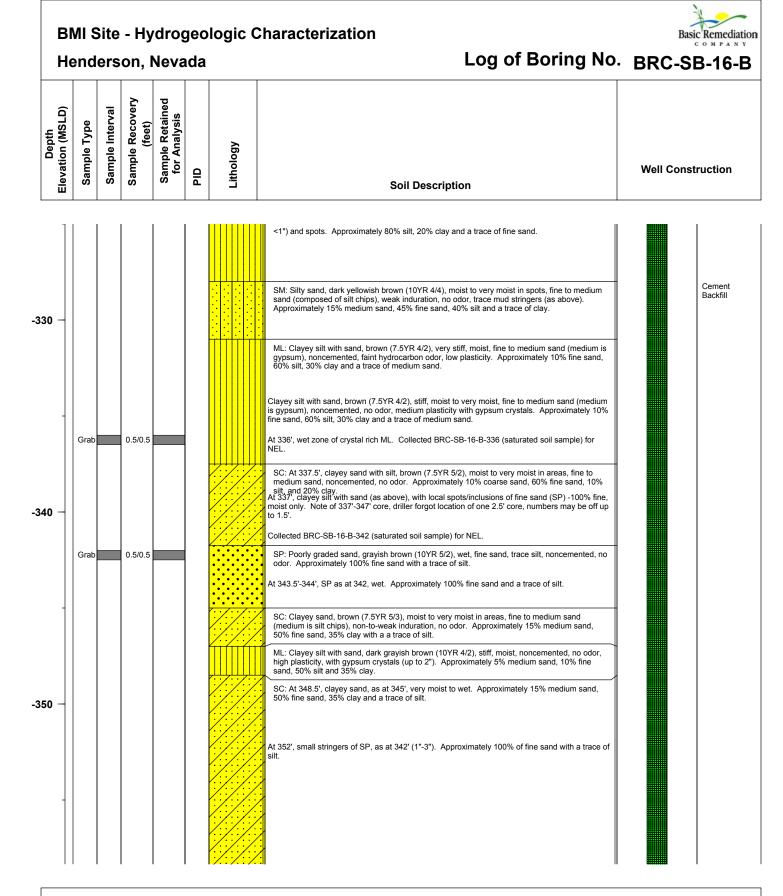
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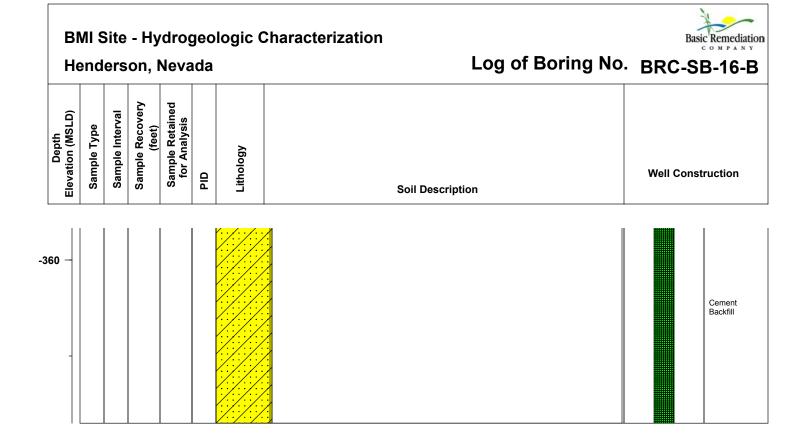
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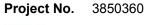


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