| LC BN He | og c Al Si Inde | of E ite | Sorii Hyc | ng N drog | NO. eolo da | BRC- gic Ch | -SB-26-B naracterization | l | | Basic Remediation | m |
|--|------------------------------------|------------------------------|----------------------------------|-------------------------------------|---|------------------|---|--|---|---|----------------|
| Drii Drii Drii Drii | ling ling ling (ler: | Meth Equi Cont Gera | od: R pmen racto aldo C | Rotary t: Rot r: Pro havez | Sonic ary So sonic | onic Corporat | ion | Borehole Total Dep Borehole Diameter Boring Location: Depth to Water (ft. | oth: 120 ft bgs : 8.5 in Location 26 (Well ID: A/ bgs): 38 ft bgs | A-26) ∽ | |
| Sample Type: Cont. CoreSample IntervalContinuousLogged By: Jennifer WileyBlank Casing Type/Size:Date Started: 7/14/2004Screen Type/Size:Date Completed: 7/14/2004Transition Sand Type: | | | | | | | of Surface Seal: k Casing Type/Size: en Type/Size: sition Sand Type: | Monitoring W Bentonite Grout 4" Sch 80 PVC 4" Sch 80 PVC N/A | 0.010 in): 32 ft bgs bgs): 52 ft bgs #2 x 12 | | |
| Depth Elevation (MSLD) | Sample Type | Sample Interval | Sample Recovery (feet) | Sample Retained for Analysis | DIA | Lithology | | Soil Description | | Well Construction | |
| -10 - -20 - | | | | | 0.0 0.1 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 | | SP: Poorly graded sand, v and volcanic sand and gra Approximately 5% gravel, Poorly graded sand, very pa volcanic sand and gravel (to 5% gravel, 10% coarse sand for the sand of the sand soft gravel, 10% coarse sand poorly graded sand, very pa granific and volcanic sand a 5% gravel, 5% coarse sand, Poorly graded sand, very pa granific and volcanic sand a 5% gravel, 5% coarse sand, Increased gravel. Poorly graded sand with gra subrounded granific and vol Approximately 30% gravel, 1 | ery pale brown (10YR 7/3), dry, s vel (to 1/2"), trace silt, noncemen 10% coarse sand, 35% medium s le brown (10YR 7/3), dry, subang 1/2"), trace silt, noncemented, n d, 35% medium sand, 30% fine sa le brown (10YR 7/4), dry to mois nd gravel (to 2"), trace silt, nonce , 55% medium sand, 30% fine sai le brown (10YR 8/2), dry to mois nd gravel (to 1/4"), trace silt, nonce , 55% medium sand, 30% fine sai le brown (10YR 8/2), dry to mois nd gravel (to 1/4"), trace silt, nonce , 55% medium sand, 30% fine sai | ubangular to sub rounded granitic ted, no odor, trace roots. sand, 30% fine sand and trace silt. gular to subrounded granitic and o odor, trace roots. Approximately and and trace silt. t, subangular to subrounded mented, no odor. Approximately nd and 5% silt. t, subangular to subrounded semented, no odor. Approximately nd and 5% silt. | Locking monument we box with concrete apro and ballards 4" Blank PVC Riser Pipe Cement Bentonite Grout | ≥II ∧n : |

Project No. 3850360

Log of Boring: BRC-SB-26-B

Page 1 of 4



Project No. 3850360

Log of Boring: BRC-SB-26-B

Page 2 of 4

| BMI Site - Hydrogeologic Characterization Basic Remediation | | | | | | | | |
|---|-------------|-----------------|---------------------------|---------------------------------|------------|-----------|--|----------------------------|
| Henderson, Nevada Log of Boring No. BRC-SB- | | | | | | | | · BRC-SB-26-B |
| Depth Elevation (MSLD) | Sample Type | Sample Interval | Sample Recovery (feet) | Sample Retained for Analysis | PID | Lithology | Soil Description | Well Construction |
| -60 — | | | | | 0.1 | | sand and white spots, areas of moderate cementation, no odor. Approximately 10% coarse sand, 20% medium sand, 35% fine sand and 35% silt. Fine sand only, trace clay, moist, noncemented. Approximately 60% fine sand, 40% silt and trace clay. | |
| | | | | | 0.1 | | Color changes to light olvie gray (5Y 6/2). Abundant white nodules. | |
| - | | | | | 0.1 0.1 | | Silty sand, light yellowish brown (10YR 6/4), moist, subangular to subrounded volcanic sand, no white nodules, trace clay, non cemented, no odor. Approximately 15% medium sand, 45% fine sand, 40% silt and trace clay. | Hydrated Bentonite Seal |
| | | | | | 0.1 | | Color change to very pale brown (10YR 8/3), sand comprised mostly of silt chips, few volcanics, very moist (may be from water in the hole). Resume volcanic sand. | |
| -70 - | | | | | 0.1 | | Silty sand, light yellowish brown (10YR 6/4), very moist, subangular to subrounded volcanic sand, few white nodules, trace clay, non cemented, no odor. Approximately 15% medium sand, 40% fine sand, 40% silt and 5% clay. | |
| | | | | | 0.1 0.1 | | Interbedded SM (as above) and cemented sandstone with bright volcanic clasts. | |
| - | | | | | 0.1 | | Silty sand, pale brown (10YR 6/3), very moist, subangular to subrounded volcanic sand and gravel (up to 1/4"), few white nodules, trace clay, non cemented, gravel size cemented pieces (subrounded), no odor. Approximately trace gravel, 5% coarse sand, 15% medium sand, 35% fine sand, 40% silt and 5% clay. | |
| | | | | | 0.1 | | | |
| -80 - | | | | | 0.1 | | ML: Sandy silt, light yellowish brown (10YR 6/4), stiff, moist, fine sand (silt chips), weak induration, no odor. Approximatley 40% fine sand and 60% silt. Muddy zone -likely from water in hole. | |
| | | | | | 0.1 | | Weak to strong induration, moist only. | |
| - | | | | | 0.1 | | Sandy sill light vallowish brown (10VP 6/4) stiff to you stiff, majet fing sand (sill ching and | |
| | | | | | 0.1 | | trace volcanics) we also strong induction in spots, no odcr. Occassional thin layers (appr. 1") with fine to medium volcanic sand throughout. Approximatley 10% medium sand, 20% fine sand and 70% silt. | |
| | | | | | 0.1 | | | |
| -90 - | | | | | 0.1 | | SM: Silty sand, light yellowish brown (10YR 6/4), moist, subangular to subrounded sand (silt chips and sandstone pieces), noncemented, no odor. Approximately trace coarse sand, 30% medium sand, 25% fine sand and 45% silt. | |



Log of Boring: BRC-SB-26-B

Page 3 of 4



MWH

Log of Boring: BRC-SB-26-B

Page 4 of 4