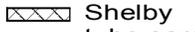


| Borehole # GSC-BH-BRK-03 | Surf Elev n/a | Easting | Northing | Logged By GSC | Drilling Date March 10-19, 2014 | Page 1 of 1 | |
|--|---|---------|--|------------------|------------------------------------|---|---|
| GW Depth est. 5 m | Drilling Contractor George Downing Drilling Ltd. | | Drilling Equipment Mud rotary, HQ (4.5") casing | | Drill Rig CME, track mount | | |
| Description and Classification | | | Well Completion | | | | |
| Sample Observation at drill site | | | Depth (m) | Sample | Depth (ft) | Description | |
| Top soil (0.0 - 0.9 m) & Sandy Silt (0.9 - 2.0 m) | | | 0 m | | 0 ft | 3" PVC threaded pipe set to 74.5 m in GU-Type cement grout with 5% bentonite. | |
| Silty CLAY, light grey, stiff, wet | | | 5 m | | 20 ft | | |
| Clayey SILT, medium grey, stiff, wet | | | 10 m | | 40 ft | | |
| Hydrotroilite (FeS · n H ₂ O) first noticed on base of sample. (Black, fine material in silts and clays, formed by bacteria on bottoms of marine basins.) | | | 15 m | | 60 ft | | |
| Clayey SILT, medium grey, very stiff, wet, salty (marine), hydrotroilite | | | 20 m | | 80 ft | | |
| | | | 25 m | | 100 ft | | |
| SILT, blue-medium to dark grey, very stiff, wet, salty (marine), hydrotroilite | | | 30 m | | 120 ft | | |
| | | | 35 m | | 140 ft | | |
| SILT, blue-medium to dark grey, very stiff, wet, salty (marine), hydrotroilite | | | 40 m | | 160 ft | | |
| | | | 45 m | | 180 ft | | |
| SILT, blue-medium to dark grey, very stiff, wet, salty (marine), hydrotroilite | | | 50 m | | 200 ft | | |
| | | | 55 m | | 220 ft | | |
| 61 m - Sand seams | | | 60 m | | 240 ft | | |
| Sandy SILT, medium to dark grey, extremely stiff, wet | | | 65 m | | | | |
| ~72 m - Silt color lightens; increase in sand seams | | | 70 m | | | | |
| 74 m - Sand seams | | | 75 m | | | | |
| | | | | | | | Sample Legend  Glass jar  Shelby tube sample |