TEST PIT NO. 01

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project No.:** | 123456789 | | | **Date:** | 14 Jan, 2025 | |
| **Project:** | Construction | | | Location: | Somewhere | |
| **Client:** | Construction Owner | | | **Logged By:** | Someone | |
| **Excavation Contractor:** | | Ground Excavation Company | | **Surface Elevation:** | | about 359.6 feet (NAVD88) |
| **Excavation Equipment:** | | Excavator | | **Completion Depth:** | | about 8.5 feet |
| **Groundwater Depth:** | | **First Encountered:** | Not Encountered | **Groundwater Elevation:** | | Not Encountered |
| **End of Excavation:** | Not Encountered | Not Encountered |
| **Seasonal High Groundwater Depth\*:** | | | about 1 foot 6 inches | **SHGW Elevation:** | | about 359.1 feet (NAVD88) |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Depth (feet)** | | **Munsell Color** | **Mottling** | | **Soil Classification** | **Structure** | **Water Content** | **Notes** |
| **Top** | **Bottom** | **Contrast** | **Color** |
| 0 | 0.5 | 7.5YR 4/3 Brown | - | - | SILT, some fine to coarse sand, trace fine gravel, trace roots [TOPSOIL] | Granular | Moist to wet |  |
| 0.5 | 1.5 | 6YR 4/3 Reddish brown | - | - | SILT, some fine to coarse gravel, trace fine sand [Residual Soil] | Blocky | Moist |  |
| 1.5 | 5.5 | 3.5YR 4/3 Reddish brown and 5YR 7/1 Light gray | Prominent | 6.5YR 6/8 Reddish yellow | Fine to coarse GRAVEL, some fine to medium sand, some silt [Decomposed Rock] | Blocky | Moist | (1), (2), (3) |
| 6.5 | 8.5 | 3.5YR 4/3 Reddish brown | - | - | Angular COBBLES, some fine to coarse gravel, trace fine to coarse sand, trace silt [Weathered Rock] | Platy | Moist | (4) |

|  |
| --- |
| **Notes:** |
| (1) Roots extend to 34 inches below ground surface (bgs).  (2) Hard rippability at 4 feet bgs.  (3) Mottling at interface between above layer only in gray soil.  (4) Bucket refusal at8.5feet. Water not observed.  \*Seasonal high groundwater depth noted from mottling |

TEST PIT NO. 02

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project No.:** | 123456789 | | | **Date:** | 15 Jan, 2025 | |
| **Project:** | Construction | | | Location: | Somewhere | |
| **Client:** | Construction Owner | | | **Logged By:** | Someone | |
| **Excavation Contractor:** | | Ground Excavation Company | | **Surface Elevation:** | | about 358.6 feet (NAVD88) |
| **Excavation Equipment:** | | Excavator | | **Completion Depth:** | | about 8.5 feet |
| **Groundwater Depth:** | | **First Encountered:** | Not Encountered | **Groundwater Elevation:** | | about 232.5 feet (NAVD88) |
| **End of Excavation:** | Not Encountered | about 232.5 feet (NAVD88) |
| **Seasonal High Groundwater Depth\*:** | | | about 1 foot 6 inches | **SHGW Elevation:** | | about 358.1 feet (NAVD88) |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Depth (feet)** | | **Munsell Color** | **Mottling** | | **Soil Classification** | **Structure** | **Water Content** | **Notes** |
| **Top** | **Bottom** | **Contrast** | **Color** |
| 0 | 0.9 | 5YR 4/3 Reddish brown | - | - | SILT, some fine to coarse gravel, some fine sand, trace roots [TOPSOIL] | Granular | Moist |  |
| 0.9 | 8.9 | 10R 3/4 Dusky red | - | - | Angular COBBLES, some fine to coarse gravel, trace fine sand, trace silt [Weathered Rock] | Platy | Moist | (1), (2), (3), (4) |

|  |
| --- |
| **Notes:** |
| (1) Roots extend to 24 inches below ground surface (bgs).  (2) Rock bedding toward west (from southwest side of test pit).  (3) Hard rippability at 5 feet bgs.  (4) Groundwater at 8.9 feet. Test pit left open for 30 minutes. Final water level at 8.5 feet.  \*Seasonal high groundwater depth noted from observed groundwater |

TEST PIT NO. 03

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project No.:** | 123456789 | | | **Date:** | 16 Jan, 2025 | |
| **Project:** | Construction | | | Location: | Somewhere | |
| **Client:** | Construction Owner | | | **Logged By:** | Someone | |
| **Excavation Contractor:** | | Ground Excavation Company | | **Surface Elevation:** | | about 238 feet (NAVD88) |
| **Excavation Equipment:** | | Excavator | | **Completion Depth:** | | about 4 feet |
| **Groundwater Depth:** | | **First Encountered:** | about 3 feet 3 inches | **Groundwater Elevation:** | | about 234.8 feet (NAVD88) |
| **End of Excavation:** | about 3 feet 3 inches | about 234.8 feet (NAVD88) |
| **Seasonal High Groundwater Depth\*:** | | | about 3 feet 3 inches | **SHGW Elevation:** | | about 234.8 feet (NAVD88) |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Depth (feet)** | | **Munsell Color** | **Mottling** | | **Soil Classification** | **Structure** | **Water Content** | **Notes** |
| **Top** | **Bottom** | **Contrast** | **Color** |
| 0 | 1 | 7.5YR 4/3 Brown | - | - | SILT, some fine to coarse sand, trace fine gravel, trace roots [TOPSOIL] | Moist to wet | Granular |  |
| 1 | 1.5 | 2.5YR 5/3 Reddish brown | Distinct | 7.5YR 5/6 Strong brown | Fine to coarse gravelly SILT, trace fine to coarse sand [Residual Soil] | Moist | Blocky |  |
| 1.5 | 5 | 2.5YR 4/4 Reddish brown | - | - | Angular COBBLES, some fine to coarse gravel, trace fine sand, trace silt [Weathered Rock] | Moist to wet | Platy | (1), (2), (3) |

|  |
| --- |
| **Notes:** |
| (1) Roots extend to 24 inches below ground surface (bgs).  (2) Water seeping from all sidewalls at 3.25 feet bgs. 1/4-inch of water pooled at bottom after 15 minutes.  (3) Bucket refusal at 5 feet.  \*Seasonal high groundwater depth noted from observed groundwater. |