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| Driller: C. Purdell | Connecticut DOT Boring Report | Hole No.: B-1 |
| Inspector: E.T. Budney | Town: Wilton | Sta./Offset: 57+09 22 RT |
| Engineer: Olmstead | Project No.: 0162-0135 | Northing: 124225 |
| Start Date: 7/28/2003 | Route No.: (route) | Easting: 422713 |
| Finish Date: 7/29/2003 | Bridge No.: (bridge) | Surface Elevation: 265.1 |

Project Description: Reconstruction of Route 33 @ Route 53

| | | |
|-------------------------|-------------------------------------|-----------------------|
| Casing Size/Type: 8" | Sampler Type/Size: Split spoon 2in. | Core Barrel Type: NWM |
| Hammer Wt. 325 Fall: 19 | Hammer Wt.: 140 lbs. Fall: 30 in | |

Groundwater Observations @ 11 after 0 hours, @ 13 after 24 hours, @ dry after 48 hours

| Depth (ft) | Sample Type/No. | SAMPLES | | | | Generalized Strata Description | Material Description and Notes | ELEVATION (ft) |
|------------|-----------------|-------------------------------|------------|-------|--|--|--------------------------------|----------------|
| | | Blows on Sampler per 6 inches | | | | | | |
| | | Pen. (in.) | Rec. (in.) | RQD % | | | | |
| 0 | | | | | | Asphalt | 80.8 | |
| 2 | | | | | | GRAVEL AND SAND | 80.4 | |
| 4 | | | | | | | 80 | |
| 6 | S-1 | 7 18 23 20 | 24 | 6 | | Brown C-F GRAVEL, same c-f Sand, trace Silt | 79.2 | |
| 8 | | | | | | | 78.8 | |
| 10 | S-2 | 68 | 6 | 6 | | Brown C-F GRAVEL, same c-f Sand, trace Silt w/ cobbles and boulders. | 77.6 | |
| 12 | | | | | | | 77.2 | |

Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test
Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%

| | | |
|--|---|--------------------|
| Total Penetration in Earth: 18 Rock: 4 | Notes: Auger refusal at 11 feet Drilled ahead with core barrel from 11 to 18 feet. Cobbles and boulders 3 to 5, 7 to 8 and 11 to 12 | Sheet 1 of 2 |
| No. of Samples: 2 | | SM-001-M REV. 1/02 |

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|------------|-----------------|-------------------------------|------------|------------|-------|--------------------------------|--------------------------------|----------------|
| | | Blows on Sampler per 6 inches | Pen. (in.) | Rec. (in.) | RQD % | | | |
| 14 | R-1 | | 36 | 36 | 22 | | | 76.8 |
| 16 | | | | | | | | 76.4 |
| 18 | | | | | | | | 76 |
| | | | | | | | | 75.6 |
| | | | | | | | Bottom of boring | 75.2 |
| 20 | | | | | | | | 74.8 |
| | | | | | | | | 74.4 |
| 22 | | | | | | | | 74 |
| | | | | | | | | 73.6 |

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| Total Penetration in Earth: 18 Rock: 4 | Notes: Auger refusal at 11 feet Drilled ahead with core barrel from 11 to 18 feet. Cobbles and boulders 3 to 5, 7 to 8 and 11 to 12 | Sheet 2 of 2 |
| No. of Samples: 2 | | SM-001-M REV. 1/02 |