

| STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION | | | | | | | | | | |
|---|--------|--|-----------------------|-----------|---|-----------|------------|----|----|--|
| PROJECT NAME: WATERBURY SITE NAME: BR 35 STATION: H43.00 GROUND EL.: 135.63 | | | | | HOLE NO.: B-07 SHEET 1 OF 1 DATE STARTED: 9/5/01 DATE COMPLETED: 9/5/01 | | | | | |
| BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW: | | | | | PROJECT NUMBER: BRO 1446(26) SITE NO.: TH 2 OFFSET: -3.20 G.W. DEPTH: 4.60 9/5/01 BORING RIG: LARGE SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL | | | | | |
| DEPTH | SYMBOL | CLASSIFICATION OF MATERIALS (Description) | BLOWS PER 0.3 m | M.C. % | GRAVEL % | SAND % | FINES % | LL | PI | |
| | | 0.00m-0.18m, Asphalt | | | | | | | | |
| | | A-1-a, SaGr, brn, Moist, Rec. = 0.05m | 12 | 11.1 | 67.8 | 24.3 | 7.9 | | | |
| | | A-4, SaSi, brn, MTW, Rec. = 0.47m | 10 | 26.1 | 0.3 | 36.7 | 63 | | | |
| | | A-3, Sa, brn-gry, Moist, Rec. = 0.29m | 12 | 17.6 | 6.2 | 86.4 | 7.4 | | | |
| 5 | | A-4, Si, gry, MTW, Rec. = 0.14m | 4 | 38.6 | 6 | 8.5 | 85.5 | | | |
| | | A-4, Si, gry, MTW, Rec. = 0.38m | 8 | 27.6 | 0.2 | 10.6 | 89.2 | | | |
| | | A-4, Si, gry, MTW, Rec. = 0.46m | 8 | 30.6 | 0.5 | 7.7 | 91.8 | | | |
| 10 | | Hole stopped @ 9.60m | | | | | | | | |
| DRILLER'S NOTES: 1. Moved hole 1.0m left. | | | | | | | | | | |
| GEOLOGISTS REPORT: | | | | | | | | | | |

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|---|--------|---|-----------------------|-----------|--|-----------|------------|----|----|--|
| PROJECT NAME: WATERBURY SITE NAME: BR 35 STATION: H80.00 GROUND EL.: 135.35 | | | | | HOLE NO.: B-08 SHEET 1 OF 1 DATE STARTED: 9/6/01 DATE COMPLETED: 9/6/01 | | | | | |
| BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW: | | | | | PROJECT NUMBER: BRO 1446(26) SITE NO.: TH 2 OFFSET: 2.00 G.W. DEPTH: 3.20 9/6/01 BORING RIG: LARGE SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL | | | | | |
| DEPTH | SYMBOL | CLASSIFICATION OF MATERIALS (Description) | BLOWS PER 0.3 m | M.C. % | GRAVEL % | SAND % | FINES % | LL | PI | |
| | | CONCRETE 0.00m-0.12m, Asphalt 0.12m-0.25m, Concrete | | | | | | | | |
| | | A-2-4, Sa, brn-gry, MTW, Rec. = 0.25m | 22 | 21.8 | 9.1 | 75.2 | 15.7 | | | |
| | | A-4, SaSi, brn, MTW, Rec. = 0.55m | 6 | 23.4 | 3.5 | 31 | 65.5 | | | |
| | | A-4, GrSaSi, brn, Moist, Rec. = 0.52m | 16 | 19.4 | 21.5 | 29.5 | 49 | | | |
| | | A-1-b, GrSa, brn-gry, Moist, Rec. = 0.36m | 14 | 13.2 | 40.1 | 46.2 | 13.7 | | | |
| 5 | | A-4, Si, gry, MTW, Rec. = 0.40m | 8 | 27.3 | 4.1 | 11.7 | 84.2 | | | |
| | | Hole stopped @ 5.60m | | | | | | | | |
| DRILLER'S NOTES: 1. Moved hole due to utilities. | | | | | | | | | | |
| GEOLOGISTS REPORT: | | | | | | | | | | |

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|---|--------|--|-----------------------|-----------|---|-----------|------------|----|----|--|
| PROJECT NAME: WATERBURY SITE NAME: BR 35 STATION: U 10+025.00 GROUND EL.: 134.51 | | | | | HOLE NO.: B-09 SHEET 1 OF 1 DATE STARTED: 9/5/01 DATE COMPLETED: 9/5/01 | | | | | |
| BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW: | | | | | PROJECT NUMBER: BRO 1446(26) SITE NO.: TH 2 OFFSET: L70 G.W. DEPTH: 2.40 9/5/01 BORING RIG: LARGE SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL | | | | | |
| DEPTH | SYMBOL | CLASSIFICATION OF MATERIALS (Description) | BLOWS PER 0.3 m | M.C. % | GRAVEL % | SAND % | FINES % | LL | PI | |
| | | 0.00m-0.04m, Asphalt | | | | | | | | |
| | | A-4, SaSi, brn, MTW, Rec. = 0.35m | 5 | 30 | 1.2 | 35.1 | 63.7 | | | |
| | | A-2-4, SiSa, brn, MTW, Rec. = 0.08m | 10 | 24.7 | 0.9 | 64.3 | 34.8 | | | |
| | | A-3, Sa, brn, Moist, Rec. = 0.33m | 8 | 15.6 | 3 | 92.4 | 4.6 | | | |
| | | A-1-a, SaGr, gry, Moist, Rec. = 0.29m | 14 | 9.9 | 52.3 | 39.7 | 8 | | | |
| 5 | | A-4, Si, gry, MTW, Rec. = 0.43m | 7 | 34.2 | 0.2 | 3.2 | 96.6 | | | |
| | | Hole stopped @ 5.60m | | | | | | | | |
| DRILLER'S NOTES: 1. Moved hole due to utilities. | | | | | | | | | | |
| GEOLOGISTS REPORT: | | | | | | | | | | |

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|---|--------|---|-----------------------|-----------|--|-----------|------------|----|----|--|
| PROJECT NAME: WATERBURY SITE NAME: BR 35 STATION: R 5+045.00 GROUND EL.: 134.48 | | | | | HOLE NO.: B-10 SHEET 1 OF 1 DATE STARTED: 9/6/01 DATE COMPLETED: 9/6/01 | | | | | |
| BORING CREW CREW CHIEF: TALLMAN DRILLER: TALLMAN LOGGER: RUSSELL ADDITIONAL CREW: | | | | | PROJECT NUMBER: BRO 1446(26) SITE NO.: TH 2 OFFSET: 2.00 G.W. DEPTH: No Water Found 9/6/01 BORING RIG: LARGE SKID RIG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL | | | | | |
| DEPTH | SYMBOL | CLASSIFICATION OF MATERIALS (Description) | BLOWS PER 0.3 m | M.C. % | GRAVEL % | SAND % | FINES % | LL | PI | |
| | | 0.00m-0.20m, Asphalt | | | | | | | | |
| | | A-1-a, SaGr (Asphalt was in sample), gry, Moist, Rec. = 0.23m | 4 | 17.7 | 63.7 | 29 | 7.3 | | | |
| | | A-4, Si, gry, MTW, Rec. = 0.41m | 7 | 30.3 | 1.1 | 12.4 | 86.5 | | | |
| | | A-3, Sa, brn, Moist, Rec. = 0.48m | 13 | 14.3 | 4.5 | 88.7 | 6.8 | | | |
| | | A-1-b, SaGr, brn, Moist, Rec. = 0.32m | 20 | 10.7 | 48.2 | 39.5 | 12.3 | | | |
| 5 | | A-4, Si, gry, MTW, Rec. = 0.29m | 5 | 32.3 | 1.1 | 1.9 | 97 | | | |
| | | Hole stopped @ 5.60m | | | | | | | | |
| DRILLER'S NOTES: 1. Moved hole due to utilities. | | | | | | | | | | |
| GEOLOGISTS REPORT: | | | | | | | | | | |

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| PROJECT: | WATERBURY | PROJECT NO.: | BRO 1446 (26) |
| DESIGN FILE NAME: | zj28borings.dgn | PLOT DATE: | 01/26/2004 |
| IPARM FILE NAME: | | SURVEY DATE: | |
| SURVEYED BY: | | DRAWN BY: | J. TOUCHETTE |
| SQUAD LEADER: | C. C. BENDA | DATE: | 09/01 |
| | | SHEET: | 34 OF 63 |