



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING NUMBER: B-105
 SHEET 1 of 1
 DATE STARTED: 7/20/07
 DATE COMPLETED: 7/20/07

PROJECT NAME: MONTGOMERY
 SITE NAME: TH-27
 STATION: 52+22.98
 OFFSET: 16.03
 VTSPG: N 859724.59 ft E 1611285.01 ft

PROJECT NUMBER: BHO 1448(23)
 SITE NUMBER: BR-34
 GROUND ELEVATION: 592.54 ft
 GROUNDWATER DEPTH: 5.9 ft 7/20/07
 PROJECT PIN NUMBER: 96J302

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: WERNER

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

| DEPTH (ft) | SYMBOL | CLASSIFICATION OF MATERIALS (Description) | BLOWS PER FOOT | M.C. (%) | GRAVEL (%) | SAND (%) | FINES (%) |
|------------|--------|---|----------------|----------|------------|-----------|---------------------|
| | | | RUN | REC (%) | RQD (%) | Dip (deg) | Drill Rate (min/ft) |
| | | A-1-a, SaGr, brn, Moist, Rec. = 0.4 ft | | 4.0 | 50.8 | 40.1 | 9.1 |
| | | Seated casing in bedrock., 0.4 ft - 1.0 ft | | | | | |
| 2.5 | | Gray, Graphitic quartz-albite-sericite-chlorite schist, with quartzite layers. Slightly weathered overall with moderate weathering from 1.0 ft. to 2.0 ft. Competent., Hard, BXMDC, 1.0 ft - 6.0 ft, Rec. = 4.85 ft | 1 | 97 | 90 | 40 | 4 |
| 5.0 | | | | | | | 4 |
| 7.5 | | Gray, Graphitic quartz-albite-sericite-chlorite schist, with quartzite layers. Slightly weathered at 7.2 ft. Remainder of run unweathered. Competent., Hard, BXMDC, 6.0 ft - 11.0 ft, Rec. = 4.95 ft | 2 | 99 | 93 | 40 | 3 |
| | | | | | | | 4 |
| | | | | | | | 4 |
| 10.0 | | | | | | | 4 |
| | | | | | | | 5 |
| | | Hole stopped @ 11.0 ft | | | | | |

LOG OF BORING - MONTGOMERY BHO 1448(23).GPJ VT AOT.GDT 10/30/07