**STATE OF VERMONT**
**AGENCY OF TRANSPORTATION**
**MATERIALS & RESEARCH DIVISION**
**SUBSURFACE INFORMATION**

HOLE NO.: B-1
SHEET 1 OF 2
DATE STARTED: 10/21/97
DATE COMPLETED: 10/29/97

PROJECT NAME: CORINTH
SITE NAME: BR* 34
STATION: 1+077.50
GROUND EL.: 235.500

PROJECT NUMBER: BRO 1447(22)
SITE NO.: TH *50
OFFSET: -5.50
G.W. DEPTH: 1.5

BORING CREW
CREW CHIEF: WILLIS
DRILLER: TALLMAN R
LOGGER:
ADDITIONAL CREW:

BORING RIG: TRUCK
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 |
|---|---|---|---|---|---|---|---|---|---|
| ▽ | | A-1-b, GrSa, brn, Moist, Rec. = 0.30m | 4 | 17.6 | 25.3 | 69.1 | 5.6 | | |
| | | No Rec. | 4 | | | | | | |
| 5 | | A-1-a, SaGr, brn, MTW, Rec. = 0.10m | 14 | NA | 56.1 | 36.3 | 7.6 | | |
| | | A-2-4, SiSa, gry, Wet, Rec. = 0.43m | 7 | 22.1 | | 73.4 | 26.6 | | |
| | | A-2-4, SiSa, gry, Moist, Rec. = 0.37m | 10 | 23.2 | | 72.2 | 27.8 | | |
| | | A-4, Si, gry, Wet, Rec. = 0.60m | 3 | 32.3 | | 3 | 97 | 24 | 2 |
| 10 | | A-4, Si, gry, Wet, Rec. = 0.45m | 4 | 24.9 | | 17 | 83 | | |
| | | A-3, Sa, gry, Wet, Rec. = 0.23m | 15 | 23 | 0 | 96 | 4 | | |
| | | A-3, Sa, gry, Wet, Rec. = 0.33m | 27 | 20.7 | 4.9 | 89.2 | 5.9 | | |
| 15 | | | | | | | | | |

GEOLOGISTS REPORT: See next sheet.

ESTIMATED PILE TIP

**STATE OF VERMONT**
**AGENCY OF TRANSPORTATION**
**MATERIALS & RESEARCH DIVISION**
**SUBSURFACE INFORMATION**

HOLE NO.: B-1
SHEET 2 OF 2
DATE STARTED: 10/21/97
DATE COMPLETED: 10/29/97

PROJECT NAME: CORINTH
SITE NAME: BR* 34
STATION: 1+077.50
GROUND EL.: 235.500

PROJECT NUMBER: BRO 1447(22)
SITE NO.: TH *50
OFFSET: -5.50
G.W. DEPTH: 1.5

BORING CREW
CREW CHIEF: WILLIS
DRILLER: TALLMAN R
LOGGER:
ADDITIONAL CREW:

BORING RIG: TRUCK
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 |
|---|---|---|---|---|---|---|---|---|---|
| | | A-2-4, Sa, gry, Wet, Rec. = 0.30m | 33 | 18.1 | 11.3 | 75.3 | 13.4 | | |
| | | BXDC, 15.8m-16.3m, Boulders | | | | | | | |
| | | A-1-a, SaGr, gry, Wet, Rec. = 0.15m | R | 8.1 | 58.8 | 32.7 | 8.5 | | |
| | | A-1-b, SiSaGr, gry, Wet, Rec. = 0.03m | R | 10.9 | 46.2 | 30.6 | 23.2 | | |
| 20 | | A-4, Si HP, gry, Wet, Rec. = 0.28m | R | 19.4 | 9.8 | 10.4 | 79.8 | | |
| | | Top of bedrock @ 20.5m | | | | | | | |
| | | Run #1: BXMDC, 20.5m-22.0m, Rec. = 1.48m, See Geologist's Report. | RUN 1 | REC % 99 | RQD % 0 | Dip° 5-20 | | | |
| | | Run #2: BXMDC, 22.0m-23.5m, Rec. = 1.50m, See Geologist's Report. | 2 | 100 | 15 | 5-20 | | | |
| | | Hole stopped @ 23.5m | | | | | | | |
| 25 | | | | | | | | | |

GEOLOGISTS REPORT:

Run #1: Gray schist with thin limestone (interbedded).
Hard to very hard. Unweathered.
Poor RQD due to mechanical breakage during drilling.

Run #2: Same as Run #1.

**STATE OF VERMONT**
**AGENCY OF TRANSPORTATION**
**MATERIALS & RESEARCH DIVISION**
**SUBSURFACE INFORMATION**

HOLE NO.: B-3
SHEET 1 OF 2
DATE STARTED: 10/30/97
DATE COMPLETED: 11/4/97

PROJECT NAME: CORINTH
SITE NAME: BR* 34
STATION: 1+083.00
GROUND EL.: 235.174

PROJECT NUMBER: BRO 1447(22)
SITE NO.: TH *50
OFFSET: 5.00
G.W. DEPTH: 1.7

BORING CREW
CREW CHIEF: WILLIS
DRILLER: TALLMAN R
LOGGER:
ADDITIONAL CREW:

BORING RIG: TRUCK
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 |
|---|---|---|---|---|---|---|---|---|---|
| ▽ | | A-1-b, GrSa, gry, Moist, Rec. = 0.30m, Sample included some wood (root). | 11 | 54.4 | 35.8 | 57.3 | 6.9 | | |
| | | A-3, GrSa, brn, Moist, Rec. = 0.36m | 14 | 18.8 | 25.2 | 71 | 3.8 | | |
| 5 | | A-4, Si, gry, Wet, Rec. = 0.24m | 5 | 25 | | 14.5 | 85.5 | | |
| | | A-2-4, SiSa, gry, Wet, Rec. = 0.45m | 2 | 20.8 | | 66.4 | 33.6 | | |
| | | A-2-4, Sa, gry, Moist, Rec. = 0.30m | 40 | 22 | 0.6 | 88.3 | 11.1 | | |
| | | A-4, Si, gry, Wet, Rec. = 0.60m | 5 | 19.8 | | 10 | 90 | | |
| 10 | | A-4, Si, gry, Wet, Rec. = 0.60m | 4 | 27.6 | | 3 | 97 | 25 | 4 |
| | | A-4, SaSi, gry, Wet, Rec. = 0.30m | 13 | 30.2 | 1.8 | 27.3 | 70.9 | | |
| | | A-2-4, SiSa, gry, Wet, Rec. = 0.32m | 74 | 20.6 | 13.2 | 66.4 | 20.4 | | |
| 15 | | | | | | | | | |

GEOLOGISTS REPORT: See next sheet.

ESTIMATED PILE TIP

**STATE OF VERMONT**
**AGENCY OF TRANSPORTATION**
**MATERIALS & RESEARCH DIVISION**
**SUBSURFACE INFORMATION**

HOLE NO.: B-3
SHEET 2 OF 2
DATE STARTED: 10/30/97
DATE COMPLETED: 11/4/97

PROJECT NAME: CORINTH
SITE NAME: BR* 34
STATION: 1+083.00
GROUND EL.: 235.174

PROJECT NUMBER: BRO 1447(22)
SITE NO.: TH *50
OFFSET: 5.00
G.W. DEPTH: 1.7

BORING CREW
CREW CHIEF: WILLIS
DRILLER: TALLMAN R
LOGGER:
ADDITIONAL CREW:

BORING RIG: TRUCK
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 |
|---|---|---|---|---|---|---|---|---|---|
| | | A-4, GrSiSa, gry, Moist, Rec. = 0.39m | 69 | 19.5 | 24 | 39.3 | 36.7 | | |
| | | A-1-b, GrSa, gry, Wet, Rec. = 0.50m | 43 | 12.9 | 44.6 | 50.1 | 5.3 | | |
| | | A-1-a, SaGr, gry, Wet, Rec. = 0.12m | R | 10.4 | 69.9 | 21.8 | 8.3 | | |
| | | BXMDC, 18.24m-19.5m, Boulders | | | | | | | |
| 20 | | A-1-b, SaSiGr, gry, Wet, Rec. = 0.15m | R | 10 | 52 | 23.8 | 24.2 | | |
| | | Top of bedrock @ 21.0m | | | | | | | |
| | | Run #1: BXMDC, 21.0m-22.5m, Rec. = 1.5m, See Geologist's Report. | RUN 1 | REC % 100 | RQD % 23 | Dip° 10-30 | | | |
| | | Run #2: BXMDC, 22.5m-24.0m, Rec. = 1.49m, See Geologist's Report. | 2 | 99 | 0 | 5-20 | | | |
| | | Hole stopped @ 24.0m | | | | | | | |
| 25 | | | | | | | | | |

GEOLOGISTS REPORT:

Run #1: Gray schist with thin interbedded limestone. Hard to very hard.
Unweathered.
Poor RQD due to mechanical breakage during drilling.

Run #2: Same as Run #1 except less limestone.

Metric

| | |
|---|---|
| PROJECT: CORINTH | PROJECT NO.: STP BRO 1447 (22) (RE-ADVERTISED) |
| DESIGN FILE NO: /matres/93j042/mj042bor.dgn<br>IPARM FILE NAME: | PLOT DATE: 16-JUL-2008 |
| DRAWN BY: J. TOUCHETTE | SQUAD LEADER: C.C.BENDA |
| BORING LOGS | SHEET: 15 OF 42 |