



Illinois Department
of Transportation
Division of Highways
Geotechnical Engineering, Inc.

ROCK CORE LOG

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Date 8/13/09

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY BJS

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W

COUNTY St. Clair CORING METHOD Wireline

STRUCT. NO. 082-W306 CORING BARREL TYPE & SIZE NX
 Station NA
 Core Diameter 2 in
 BORING NO. B-425 Core Top of Rock Elev. 293.1 ft
 Station 74+14.22 Begin Core Elev. 293.1 ft
 Offset 10R Right
 Ground Surface Elev. 415.1 ft

| DEPTH (ft) | RECOVERY (%) | RECOVERED (%) | CORE TIME (min/ft) | STRENGTH (tsf) |
|---------------|-----------------|------------------|--------------------------|-------------------|
| 1 | 84 | 84 | | 400.0 |
| 2 | 100 | 84 | | |

Hard to moderately hard, gray, very finely crystalline, massive, fresh, LIMESTONE

Moderately hard, gray, very finely medium crystalline, medium bedded, slightly weathered, LIMESTONE, with clay partings

End of Boring

Color pictures of the cores Yes
 Cores will be stored for examination until 9-30-09
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
 BBS, form 138 (Rev. 8-99)

082-W306-76C75-Boring Logs Sheets 6-18.dgn



| | | |
|-----------------------------|------------------|-----------|
| USER NAME = Scott Whitney | DESIGNED - PMM | REVISED - |
| PLOT SCALE = 20,0000' / IN. | DRAWN - MJK | REVISED - |
| PLOT DATE = 3/9/2011 | CHECKED - DAZ | REVISED - |
| | DATE - 3-18-2011 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALL 082-W306
BORING LOGS

| | | | | | | | |
|---------------------------|---------------------------|--------------------------------|----------------|------------------|------------------|------------------|--------------------|
| SCALE: N.T.S. | SHEET NO. 18 OF 18 SHEETS | STA. 60+50.00 TO STA. 74+11.55 | F.A.I. RTE. 70 | SECTION 82-1-IHB | COUNTY ST. CLAIR | TOTAL SHEETS 319 | SHEET NO. 271 |
| | | | | | | | CONTRACT NO. 76C75 |
| ILLINOIS FED. AID PROJECT | | | | | | | |