

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 2

Date 3/25/10

ROUTE FAU 2917 DESCRIPTION Cottage Grove Over I-94 (Bishop Ford Freeway) LOGGED BY RJC

SECTION 066-1314-CF LOCATION North Pier (East Side), SEC. 10, TWP. 37N, RING. 14E, 3rd PM,
Latitude N41° 42' 48.13", Longitude W87° 36' 19.8"

COUNTY Cook DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 016-2119 (Existing)
Station 505+00.00
BORING NO. B-4
Station 505+45.00 (I-94)
Offset 17.70 ft LT
Ground Surface Elev. 573.60 ft

| DEPTH (ft) | BLOW COUNT (6") | UCS (tsf) | MOISTURE (%) | SOIL DESCRIPTION | | | |
|------------|-----------------|-----------|--------------|------------------|------|-----|-------|
| | | | | DEPT | LOC | UCS | MOIST |
| 0 | | | | None | None | | |
| 3 | | | | None | None | | |
| 5 | | | | None | None | | |
| 8 | | | | None | None | | |
| 11 | | | | None | None | | |
| 14 | | | | None | None | | |
| 17 | | | | None | None | | |
| 20 | | | | None | None | | |
| 23 | | | | None | None | | |
| 26 | | | | None | None | | |
| 29 | | | | None | None | | |
| 32 | | | | None | None | | |
| 35 | | | | None | None | | |
| 38 | | | | None | None | | |
| 41 | | | | None | None | | |
| 44 | | | | None | None | | |
| 47 | | | | None | None | | |
| 50 | | | | None | None | | |
| 53 | | | | None | None | | |
| 56 | | | | None | None | | |
| 59 | | | | None | None | | |
| 62 | | | | None | None | | |
| 65 | | | | None | None | | |
| 68 | | | | None | None | | |
| 71 | | | | None | None | | |
| 74 | | | | None | None | | |
| 77 | | | | None | None | | |
| 80 | | | | None | None | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)



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| DEPTH (ft) | BLOW COUNT (6") | UCS (tsf) | MOISTURE (%) | SOIL DESCRIPTION | | | |
|------------|-----------------|-----------|--------------|------------------|------|-----|-------|
| | | | | DEPT | LOC | UCS | MOIST |
| 0 | | | | None | None | | |
| 3 | | | | None | None | | |
| 6 | | | | None | None | | |
| 10 | | | | None | None | | |
| 14 | | | | None | None | | |
| 18 | | | | None | None | | |
| 22 | | | | None | None | | |
| 26 | | | | None | None | | |
| 30 | | | | None | None | | |
| 34 | | | | None | None | | |
| 38 | | | | None | None | | |
| 42 | | | | None | None | | |
| 46 | | | | None | None | | |
| 50 | | | | None | None | | |
| 54 | | | | None | None | | |
| 58 | | | | None | None | | |
| 62 | | | | None | None | | |
| 66 | | | | None | None | | |
| 70 | | | | None | None | | |
| 74 | | | | None | None | | |
| 78 | | | | None | None | | |
| 82 | | | | None | None | | |
| 86 | | | | None | None | | |
| 90 | | | | None | None | | |
| 94 | | | | None | None | | |
| 98 | | | | None | None | | |
| 102 | | | | None | None | | |
| 106 | | | | None | None | | |
| 110 | | | | None | None | | |
| 114 | | | | None | None | | |
| 118 | | | | None | None | | |
| 122 | | | | None | None | | |
| 126 | | | | None | None | | |
| 130 | | | | None | None | | |
| 134 | | | | None | None | | |
| 138 | | | | None | None | | |
| 142 | | | | None | None | | |
| 146 | | | | None | None | | |
| 150 | | | | None | None | | |
| 154 | | | | None | None | | |
| 158 | | | | None | None | | |
| 162 | | | | None | None | | |
| 166 | | | | None | None | | |
| 170 | | | | None | None | | |
| 174 | | | | None | None | | |
| 178 | | | | None | None | | |
| 182 | | | | None | None | | |
| 186 | | | | None | None | | |
| 190 | | | | None | None | | |
| 194 | | | | None | None | | |
| 198 | | | | None | None | | |
| 202 | | | | None | None | | |
| 206 | | | | None | None | | |
| 210 | | | | None | None | | |
| 214 | | | | None | None | | |
| 218 | | | | None | None | | |
| 222 | | | | None | None | | |
| 226 | | | | None | None | | |
| 230 | | | | None | None | | |
| 234 | | | | None | None | | |
| 238 | | | | None | None | | |
| 242 | | | | None | None | | |
| 246 | | | | None | None | | |
| 250 | | | | None | None | | |
| 254 | | | | None | None | | |
| 258 | | | | None | None | | |
| 262 | | | | None | None | | |
| 266 | | | | None | None | | |
| 270 | | | | None | None | | |
| 274 | | | | None | None | | |
| 278 | | | | None | None | | |
| 282 | | | | None | None | | |
| 286 | | | | None | None | | |
| 290 | | | | None | None | | |
| 294 | | | | None | None | | |
| 298 | | | | None | None | | |
| 302 | | | | None | None | | |
| 306 | | | | None | None | | |
| 310 | | | | None | None | | |
| 314 | | | | None | None | | |
| 318 | | | | None | None | | |
| 322 | | | | None | None | | |
| 326 | | | | None | None | | |
| 330 | | | | None | None | | |
| 334 | | | | None | None | | |
| 338 | | | | None | None | | |
| 342 | | | | None | None | | |
| 346 | | | | None | None | | |
| 350 | | | | None | None | | |
| 354 | | | | None | None | | |
| 358 | | | | None | None | | |
| 362 | | | | None | None | | |
| 366 | | | | None | None | | |
| 370 | | | | None | None | | |
| 374 | | | | None | None | | |
| 378 | | | | None | None | | |
| 382 | | | | None | None | | |
| 386 | | | | None | None | | |
| 390 | | | | None | None | | |
| 394 | | | | None | None | | |
| 398 | | | | None | None | | |
| 402 | | | | None | None | | |
| 406 | | | | None | None | | |
| 410 | | | | None | None | | |
| 414 | | | | None | None | | |
| 418 | | | | None | None | | |
| 422 | | | | None | None | | |
| 426 | | | | None | None | | |
| 430 | | | | None | None | | |
| 434 | | | | None | None | | |
| 438 | | | | None | None | | |
| 442 | | | | None | None | | |
| 446 | | | | None | None | | |
| 450 | | | | None | None | | |
| 454 | | | | None | None | | |
| 458 | | | | None | None | | |
| 462 | | | | None | None | | |
| 466 | | | | None | None | | |
| 470 | | | | None | None | | |
| 474 | | | | None | None | | |
| 478 | | | | None | None | | |
| 482 | | | | None | None | | |
| 486 | | | | None | None | | |
| 490 | | | | None | None | | |
| 494 | | | | None | None | | |
| 498 | | | | None | None | | |
| 502 | | | | None | None | | |
| 506 | | | | None | None | | |
| 510 | | | | None | None | | |
| 514 | | | | None | None | | |
| 518 | | | | None | None | | |
| 522 | | | | None | None | | |
| 526 | | | | None | None | | |
| 530 | | | | None | None | | |
| 534 | | | | None | None | | |
| 538 | | | | None | None | | |
| 542 | | | | None | None | | |
| 546 | | | | None | None | | |
| 550 | | | | None | None | | |
| 554 | | | | None | None | | |
| 558 | | | | None | None | | |
| 562 | | | | None | None | | |
| 566 | | | | None | None | | |
| 570 | | | | None | None | | |
| 574 | | | | None | None | | |
| 578 | | | | None | None | | |
| 582 | | | | None | None | | |
| 586 | | | | None | None | | |
| 590 | | | | None | None | | |
| 594 | | | | None | None | | |
| 598 | | | | None | None | | |
| 602 | | | | None | None | | |
| 606 | | | | None | None | | |
| 610 | | | | None | None | | |
| 614 | | | | None | None | | |
| 618 | | | | None | None | | |
| 622 | | | | None | None | | |
| 626 | | | | None | None | | |
| 630 | | | | None | None | | |
| 634 | | | | None | None | | |
| 638 | | | | None | None | | |
| 642 | | | | None | None | | |
| 646 | | | | None | None | | |
| 650 | | | | None | None | | |
| 654 | | | | None | None | | |
| 658 | | | | None | None | | |
| 662 | | | | None | None | | |
| 666 | | | | None | None | | |
| 670 | | | | None | None | | |
| 674 | | | | None | None | | |
| | | | | | | | |