

Bridge Foundation Boring Log

Project: H-11193 Bridge TR 91 / Malecki Rd Date: 10/14/2011
Section: 09-06122-00-BR Station _____ Bored by: J. Carter
Structure: _____ Checked By: T. Holcomb
County: Jefferson

| Boring No. 1 | Station | Offset | Elevation | N | Qu tsf | w % | Surface Water Elev. | Ground Water Elev. During Drilling | Upon Completion | Elevation | N | Qu tsf | w % |
|------------------------|---------|--------|-----------|-----|--------|-----|---------------------|------------------------------------|-----------------|-----------|---|--------|-----|
| | | | | | | | | | | | | | |
| | | | 447.9 | 0 | | | | | | | | | |
| | | | 447.2 | | | | | | | | | | |
| | | | | 7 | 1.4B | 23 | | | | -25 | | | |
| | | | | 5 | 0.9B | 26 | | | | | | | |
| | | | | 4 | 0.45 | 23 | | | | -30 | | | |
| | | | | 5 | | 21 | | | | | | | |
| | | | | 5 | 1.1B | 22 | | | | -35 | | | |
| | | | | 6 | 0.3B | 25 | | | | | | | |
| | | | 431.9 | 100 | 7/4" | 8 | | | | -40 | | | |
| | | | | 100 | 7/4" | 5 | | | | | | | |
| | | | | | | | | | | -20 | | | |
| | | | 426.4 | 100 | 7/3" | 5 | | | | | | | |
| End of Boring @ -21.5' | | | | | | | | | | | | | |

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu - Unconfined Compressive Strength in tons/sq.ft.
w - Water Content - percentage of oven dry weight - %
B = Bulge Failure
S = Shear Failure
E = Estimated Value
P = Penetrometer

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BORING 1

Bridge Foundation Boring Log

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Section: 09-06122-00-BR Station _____ Bored by: J. Carter
Structure: _____ Checked By: T. Holcomb
County: Jefferson

| Boring No. 2 | Station | Offset | Elevation | N | Qu tsf | w % | Surface Water Elev. | Ground Water Elev. During Drilling | Upon Completion | Elevation | N | Qu tsf | w % |
|------------------------|---------|--------|-----------|-----|--------|-----|---------------------|------------------------------------|-----------------|-----------|---|--------|-----|
| | | | | | | | | | | | | | |
| | | | 447.4 | 0 | | | | | | | | | |
| | | | 446.8 | | | | | | | | | | |
| | | | | 5 | 1.75 | 17 | | | | -25 | | | |
| | | | | 4 | 1.0B | 26 | | | | | | | |
| | | | | 3 | 1.05 | 22 | | | | -30 | | | |
| | | | | 3 | 1.05 | 26 | | | | | | | |
| | | | | 2 | 0.2B | 23 | | | | -35 | | | |
| | | | 433.9 | | | | | | | | | | |
| | | | | 4 | | 27 | | | | | | | |
| | | | 431.4 | 100 | 7/3" | 8 | | | | -40 | | | |
| | | | | 100 | 7/2" | 6 | | | | | | | |
| | | | | | | | | | | -20 | | | |
| | | | | 100 | 7/3" | 6 | | | | | | | |
| | | | 425.9 | | | | | | | | | | |
| End of Boring @ -21.5' | | | | | | | | | | | | | |

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu - Unconfined Compressive Strength in tons/sq.ft.
w - Water Content - percentage of oven dry weight - %
B = Bulge Failure
S = Shear Failure
E = Estimated Value
P = Penetrometer

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BORING 2