

Proposed Bridge Rehabilitation
 Joe Brown Park
 New Orleans, LA

LOG OF SOIL BORING B-1

File: 4353G
 Date: 1/19/16
 Logged by: T.Roche
 Driller: E.J. Laizer
 Rig: CME 75



Infinity Engineering Consultants, LLC
 2626 Canal St
 New Orleans, LA

Sheet 1 of 2

| FIELD DATA | | | LABORATORY DATA | | | | | | | Soil Type | Location: Lat. 30° 1' 48.24" Long. 89° 58' 3.82" | | |
|--------------------|--------------|---------|--------------------|----------------------------|-------------------|-----------------------|------------------|----|----|-----------|---|-----------------|-------------------------------------|
| Ground Water Level | Depth (feet) | Samples | Field Test Results | Compressive Strength (tsf) | Water Content (%) | Wet Unit Weight (pcf) | Atterberg Limits | | | | Percent Passing #200 Sieve | Organic Content | Surface Elevation: |
| | | | | | | | LL | PL | PI | | | | |
| | | | | | | | | | | | | | Asphalt (7 Inches) |
| | | | 9 b/f 9-5-4 | | 20 | | | | | | | | Gray Shell Base Material (6 Inches) |
| | | | 1.25 (P) | 0.09 | 62 | 103 | | | | | | | Loose Tan SILTY SAND (SM) w/ Clay |
| | | | 0.5 (P) | | 50 | | | | | | | | Very Soft Gray CLAY (CH) |
| | | | 0.5 (P) | 0.52 | 33 | 119 | 36 | 16 | 20 | | | | Medium Stiff Gray SILTY CLAY (CL) |
| | | | 0.25 (P) | | 30 | | | | | | | | |
| | | | 0.25 (P) | 0.10 | 43 | 111 | | | | | | | Very Soft Gray CLAY (CH) w/ Silt |
| | | | 26 b/f 9-13-13 | | 28 | | | | | | | | Medium Dense Gray SILTY SAND (SM) |
| | | | 16 b/f 7-7-9 | | 27 | | | | | 6 | | | |
| | | | 17 b/f 6-8-9 | | 25 | | | | | | | | |
| | | | 1.25 (P) | 0.38 | 52 | 107 | | | | | | | Soft Gray CLAY (CH) w/ Silt |
| | | | 1.0 (P) | | 52 | | | | | | | | |
| | | | 2.5 (P) | 0.44 | 41 | 116 | | | | | | | |

Continued Next Page

| Ground Water Level Data | | Boring Advancement Method | Notes |
|-------------------------|------------------------------|--|-------|
| | Free water first encountered | 4" Nom. Dia. Short Flight Auger: 0 to 10 ft. | |
| | Water level after 15 mins. | 4" Dia. Rotary Wash: 10 to 80 ft. | |
| | | Boring Abandonment Method | |
| | | Borehole grouted with cement/ bentonite upon completion | |

Strata Boundaries May Not Be Exact

ARD LOG01 01R 4353G.GPJ LOG01R.GDT 2/12/16

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| FIELD DATA | | | | LABORATORY DATA | | | | | | | Soil Type | Location: Lat. 30° 1' 48.24" Long. 89° 58' 3.82" | |
|--------------------|--------------|---------|--------------------|----------------------------|-------------------|-----------------------|------------------|----|----|----------------------------|-----------|---|--|
| Ground Water Level | Depth (feet) | Samples | Field Test Results | Compressive Strength (tsf) | Water Content (%) | Wet Unit Weight (pcf) | Atterberg Limits | | | Percent Passing #200 Sieve | | Organic Content | Surface Elevation: |
| | | | | | | | LL | PL | PI | | | | |
| | | | | | | | | | | | | | Soft Gray CLAY (CH) w/ Silt |
| | -45 | | 2.5 (P) | | 39 | | | | | | | | |
| | -50 | | 2.75 (P) | 1.30 | 40 | 114 | | | | | | | Medium Stiff to Stiff Gray CLAY (CH) w/ Silt |
| | -55 | | 0.75 (P) | | 33 | | | | | | | | |
| | -60 | | 1.0 (P) | 0.73 | 31 | 119 | | | | | | | |
| | -65 | | 1.0 (P) | | 41 | | | | | | | | |
| | -70 | | 0.5 (P) | 0.45 | 31 | 124 | | | | | | | Soft Gray SILTY CLAY (CL) |
| | -75 | | 0.5 (P) | | 31 | | | | | | | | |
| | -80 | | 1.25 (P) | 1.03 | 28 | 122 | | | | | | | Stiff Gray SILTY CLAY (CL) |

| | | | | |
|-------------------------|------------------------------|---|--|----------------------------|
| Ground Water Level Data | | Boring Advancement Method | | Notes |
| | Free water first encountered | 4" Nom. Dia. Short Flight Auger: 0 to 10 ft. 4" Dia. Rotary Wash: 10 to 80 ft. | | Boring completed at 80 ft. |
| | Water level after 15 mins. | Boring Abandonment Method | | |
| | | Borehole grouted with cement/ bentonite upon completion | | |

Strata Boundaries May Not Be Exact

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