

LOG OF BORING B-1
PROPOSED 7TH DISTRICT POLICE STATION
DWYER AND READ ROAD
NEW ORLEANS, LOUISIANA

TYPE OF BORING: FLIGHT AUGER/WET ROTARY

LOCATION: BUILDING AREA

PSI PROJECT NO.: 254-95007

| DEPTH, FT. | SOIL TYPE | SAMPLES | DESCRIPTION | N-BLOWS/FT. | UNCONFINED COMPRESSIVE STRENGTH tsf | HAND PENETROMETER tsf | TORVANE tsf | UNIT DRY WEIGHT pcf | MOISTURE CONTENT % | LIQUID LIMIT | PLASTICITY INDEX | % PASSING #200 SIEVE |
|------------|-----------|---------|--|-------------|-------------------------------------|-----------------------|-------------|---------------------|--------------------|--------------|------------------|----------------------|
| | | | Fill: Dark brown, brown clayey sand and clay with organics | | 0.09 | | | 82 | | | | |
| | | | Stiff tannish gray Fat Clay | | | 0.5 | | | 60 | | | |
| 5 | | | Very soft to stiff gray Sandy Lean Clay | | 0.88 | 1.0 | | 97 | 23 | | | |
| | | | | | | | 0.4 | | 36 | | | |
| 10 | | | | WOH | | | | | 38 | | | 74 |
| | | | Very loose gray Silty Sand | | | | | | | | | |
| 15 | | | | 2 | | | | | 31 | | | |
| | | | | | | | | | 30 | | | |
| 20 | | | Very soft gray Sandy Lean Clay | | 0.19 | | 0.05 | 81 | 40 | | | |
| | | | Medium dense gray Silty Sand | | | | | | | | | |
| 25 | | | | 26 | | | | | 25 | | | |
| | | | Very soft to stiff gray Fat Clay | | 0.27 | | 0.2 | 58 | 73 | | | |
| 30 | | | | | | | | | | | | |
| | | | -with shell fragments, 33' to 35' | WOH | | | | | 61 | | | 64 |
| 35 | | | | | | | | | | | | |
| | | | -tannish gray, slickensided, 38' to 50' | | 0.51 | 2.0 | | 80 | 45 | | | |
| 40 | | | | | | | | | | | | |
| | | | | | | 1.5 | | | 53 | | | |
| 45 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 50 | | | | | 1.17 | 1.5 | | 97 | 26 | | | |

DEPTH OF BORING: 100 Feet

GROUNDWATER: Measured at 8 feet during drilling

DATE: 2-15-09



Geotechnical Consulting Services
 Jefferson, Louisiana

LOG OF BORING B-1 (continued)
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|-------------------------------|----------------------|----------------------------|-------------|--|----------------------------|----------------|------------------------|-----------------------|--------------|------------------|-------------------------|
| 55 | | Firm tannish gray Fat Clay | | | | 0.4 | | 44 | | | |
| 60 | | Firm gray Sandy Lean Clay | | | | 0.3 | 86 | 36 | | | |
| 65 | | | | | | 0.4 | | 31 | | | |
| 70 | | | | 0.71 | | 0.3 | 78 | 44 | | | |
| 75 | | | | | | 0.4 | | 32 | | | |
| 80 | | | | 0.76 | | 0.25 | 90 | 32 | | | |
| 85 | | Stiff gray Fat Clay | | | | 1.0 | | 37 | | | |
| 90 | | | 7 | | | | | 36 | | | |
| 95 | | | | 1.05 | 1.0 | | 77 | 42 | | | |
| 100 | | | | 1.02 | 1.0 | | 77 | 46 | | | |
| Boring terminated at 100 feet | | | | | | | | | | | |
| DEPTH OF BORING: 100 Feet | | | | | | | | | | | |
| DATE: 2-15-09 | | | | | | | | | | | |

