



SOIL LEGEND

- CH - FAT CLAY
- CL - LEAN CLAY
- ML - SILT
- PT - PEAT
- SC - CLAYEY SAND
- SM - SILTY SAND
- SP - SAND POORLY-GRADED
- WD - WOOD
- NO SAMPLE
- GP - GRAVEL POORLY-GRADED
- FILL - BRICK, SHELLS, ORGANICS, ETC - ARTIFICIALLY PLACED

NOTES:

1. VST RESULTS INDICATE S_u IN psf.
 2. FILL WAS IDENTIFIED BASED ON:
 - a) FOR BORINGS, PREVIOUS PROFILES, AND/OR STIFF SOILS WITHOUT WOOD.
 - b) FOR CPTS, RELATIVELY STIFF SOIL ZONES.
 3. +50 SPT TESTS REACHED 50 IN LESS THAN 12 INCHES.
- FILL - FAT AND LEAN CLAY WITH SOME ORGANIC MATTER, BRICK PIECES AND OTHER ARTIFICIAL MATERIALS
- MARSH - VERY SOFT TO MEDIUM CONSISTENCY FAT CLAYS AND PEATS WITH OCCASIONAL SAND AND SILT LAYERS
- BARRIER BEACH - LOOSE TO VERY DENSE SANDS AND SILTY SANDS WITH SHELL FRAGMENTS
- BAY SOUND - MEDIUM TO STIFF CONSISTENCY FAT CLAY AND LEAN CLAY WITH SOME SILT AND SILTY SAND LAYERS, AND SHELLS
- PLEISTOCENE - STIFF TO VERY STIFF CONSISTENCY OXIDIZED CLAYS INTERBEDDED WITH LAYERS AND LENSES OF DENSE TO VERY DENSE SILTS AND SANDS

CPT LEGEND

- | COLOR | SOIL BEHAVIOR TYPE |
|------------|---------------------------|
| Light Gray | SENSITIVE, FINE GRAINED |
| Dark Gray | ORGANIC SOILS-PEATS |
| Red | CLAY |
| Brown | SILTY CLAY TO CLAY |
| Yellow | CLAYEY SILT TO SILTY CLAY |
| Green | SANDY SILT TO CLAYEY SILT |
| Blue | SILTY SAND TO SANDY SILT |
| Light Blue | SAND TO SILTY SAND |
| Orange | SAND |
| Red-Orange | GRAVELLY SAND TO SAND |

HORIZONTAL SCALE IN FEET



LAKE PONTCHARTRAIN AND VICINITY
LONDON AVENUE OUTFALL CANAL
EASTBANK Q_c

SOIL AND GEOLOGIC PROFILE

U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
CORP OF ENGINEERS
NEW ORLEANS, LOUISIANA

U.S. Army Corps of Engineers Logo

PLOT SCALE: 1 : 1
DATE: 11-06-09

FILE NO. _____
PLATE 16