



NOTES:

- VST RESULTS INDICATE S_u IN psf.
- FILL WAS IDENTIFIED BASED ON;
 - FOR BORINGS, PREVIOUS PROFILES, AND/OR STIFF SOILS WITHOUT WOOD.
 - FOR CPTS, RELATIVELY STIFF SOIL ZONES.
- +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

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

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 C

SOIL AND GEOLOGIC PROFILE

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

FILE NO. _____
PLOT SCALE: 1 : 1
DATE: 11-06-09
PLATE 14