

FIELD BORING LOG

BORING NO.: B-1
PROJECT: NOFD ENGINE 36 - 5403 READ BOULEVARD
PROJECT LOCATION: NEW ORLEANS, LA
BORING LOCATION: 30° 1'39.19"N, 89°58'8.25"W
BORING ELEVATION: EXISTING GRADE
GEOL/ENGR: MJ
METHOD: AUGER / MUD ROTARY

PROJECT NO.: B15-425
DATE DRILLED: 12/29/15
DATE COMPLETED: 12/29/15
WATER LEVEL: 8 ft
WATER LEVEL DATE: 12/29/15
LOGGED BY: DT
DRILLER: SESI

DEPTH (feet)	SAMPLE	Standard Penetration (Blows/Ft.)	Unconfined Compressive Strength (tsf)	Moisture Content (%)	Dry Unit Weight (pcf)	LL	PI	Symbol	MATERIAL CLASSIFICATION
0 - 10	5b/ft ^{1/2/3}		0.36	24		64	43		Gray and Black Fat CLAY (CH) -- with organics and silt
10 - 15	6b/ft ^{1/1/5}			48					-- gray and brown
15 - 20	2b/ft ^{0/1/1}			61					-- soft, light gray and tan with roots and trace silt
20 - 25	2b/ft ^{1/1/1}		(1)	62	66	81	59		Loose, Gray Fine SAND (SP) -- with trace silt
25 - 30				25					Loose, Gray Silty SAND (SM) -- with clay pockets
30 - 35				26					Gray Fat CLAY (CH) -- with silt
35 - 40				52					Very Loose, Gray Fine SAND (SP) -- with trace silt and shells
40 - 45				24					Soft, Gray Sandy Lean CLAY (CL)
45 - 50				63					-- with shells
50 - 55				39					-- soft, with roots
55 - 60			0.46 ⁽²⁾	38	81	43	27		

COMMENTS: WATER LEVEL AFTER 15 MINUTES = 6'

SHELBY TUBE SPLIT SPOON

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				34					Gray and Greenish Gray Fat CLAY (CH) -- slickensided
50			1.49 ⁽³⁾	39	80	82	51		-- stiff, jointed
				43					-- gray with trace silt
60				28					-- with trace silt
			0.77 ⁽⁴⁾	47	77	63	42		-- medium, with silty sand lenses and pockets, slickensided
70				44					-- with trace silt
				41					Gray Lean CLAY (CL) -- with trace fine sand
80			0.96 ⁽⁵⁾	44	80	58	37		Medium, Gray Fat CLAY (CH) -- with sandy silt lenses and layers
									Bottom at 80 Feet

(1) % Passing # 200 = 65.4%
(2) UU Triaxial Test at 12.9 psi confining pressure
(3) UU Triaxial Test at 16.2 psi confining pressure
(4) UU Triaxial Test at 21.1 psi confining pressure
(5) UU Triaxial Test at 26.1 psi confining pressure

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SHELBY TUBE
 SPLIT SPOON