

FIELD BORING LOG

BORING NO.: B-1

PROJECT NO.: B15-274

PROJECT: CITY OF NEW ORLEANS, DPW MAINTENANCE FACILITY **DATE DRILLED:** 09/15/15

PROJECT LOCATION: NEW ORLEANS, LA

DATE COMPLETED: 09/15/15

BORING LOCATION: SEE BORING LOCATION PLAN

WATER LEVEL: NR

BORING ELEVATION: EXISTING GRADE

WATER LEVEL DATE: 09/15/15

GEOL/ENGR: MJ

LOGGED BY: WW

METHOD: AUGER / WET ROTARY

DRILLER: DT

DEPTH (feet)	SAMPLE	Standard Penetration (Blows/Ft.)	Unconfined Compressive Strength (tsf)	Moisture Content (%)	Dry Unit Weight (pcf)	LL	PI	Symbol	MATERIAL CLASSIFICATION
									Wash Drill - No Sample
10			0.40 ⁽¹⁾	134	33	197	145		Soft, Light Gray Organic CLAY (OH) -- with peat and organic silt
				24					Gray Fine SAND (SP-SM) -- with silt
20				33					Alternating Layers of Gray Sandy SILT with clay (ML) and Gray Fine SAND with silt (SM)
				46					Gray Fat CLAY (CH) -- with sandy silt lenses
30				54					-- with sandy silt lenses
			0.64 ⁽²⁾	66	61	75	49		-- medium, with silt lenses
40		15b/ft ^{4/7/8}		31					Medium, Gray Fine SAND (SM) -- with silt and clay pockets and trace shells
		0b/ft ^{woh/woh/woh}		44					Very Soft, Gray Fat CLAY (CH) -- with silty sand pockes and trace shells
50				26					White Fine SAND (SM) -- with silt and clay streaks
		34b/ft ^{11/14/20}	⁽³⁾	25					Dense, Gray Fine SAND (SP-SM) -- with silt and trace clay

COMMENTS: NR: NOT RECORDED

SHELBY TUBE SPLIT SPOON

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DEPTH (feet)	SAMPLE	Standard Penetration (Blows/Ft.)	Unconfined Compressive Strength (tsf)	Moisture Content (%)	Dry Unit Weight (pcf)	LL	PI	Symbol	MATERIAL CLASSIFICATION
60	X	2b/ft ^{woh/woh2}		55					Soft, Light Gray Fat CLAY (CH) -- with sandy silt lenses
				55					-- with trace organics
70	X		0.53 ⁽⁴⁾	41	82	56	39		-- medium, with shells and organics
				26					Gray Fine SAND (SP-SM) -- with silt
80	X	33b/ft ^{11/16/17}	(5)	27					Dense, Gray Silty SAND (SM) -- with trace clay
	X	20b/ft ^{9/11/9}		30					-- medium
90	X	40b/ft ^{10/14/26}		29					-- dense, with clay pockets
	X	19b/ft ^{5/4/15}		30					Very Stiff, Gray Lean CLAY (CL) -- with fine sand pockets
100	X	22b/ft ^{17/13/9}	(6)	26					Medium, Gray SILT (ML) -- with fine sand and trace clay
									Bottom at 100 Feet

- (1) UU Triaxial Test at 3.0 psi confining pressure
- (2) UU Triaxial Test at 11.2 psi confining pressure
- (3) % Passing # 200 = 8.6%
- (4) UU Triaxial Test at 22.8 psi confining pressure
- (5) % Passing # 200 = 34.6%
- (6) % Passing # 200 = 98.4%

COMMENTS: NR: NOT RECORDED

SHELBY TUBE
 SPLIT SPOON