

Gert Town Study
New Orleans, LA

LOG OF SOIL BORING B-4



File: 15-2871
Date: 7/24/15
Logged by: M. Belanger
Driller: E. Marcev
Rig: Ardco K-1000

City of New Orleans
1300 Perdido St., Suite 6E15
New Orleans, LA 70112

Sheet 1 of 1

FIELD DATA			LABORATORY DATA							Soil Type	Location: Lat. 29° 57' 35.4" Long. 90° 6' 29.8"	
Ground Water Level	Depth (feet)	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Wet Unit Weight (pcf)	Atterberg Limits			Percent Passing #200 Sieve		Organic Content (%)	Description
						LL	PL	PI				
		No (P)		20								
		1.25 (P)	0.45	67	96	125	35	90				Loose tan SAND (Fill)
	5	1.25 (P)		53								Soft to Medium Stiff gray CLAY (CH)
		2.0 (P)	0.68	56	104							Soft gray CLAY (CH)
	10	1.5 (P)		56								w/ trace shell
		1.75 (P)	0.49	68	99	104	34	70				
	15											
		2.0 (P)		50								Very Soft gray CLAY (CH)
	20											
		0.75 (P)	0.10 t=6.4	86	91							w/ trace organic
	25											
		1.0 (P)		63								
	30											
		0.5 (P)	0.17	116	87	152	50	102				w/ organic & trace wood
	35											
		0.75 (P)		92								
	40											
		70 b/f 30-25-45		26					23			Very Dense gray SILTY SAND (SM)
	45	59 b/f 28-30-29		26								
		62 b/f 20-21-41		27					27			
	50											
		1.25 (P)	0.34 t=14.7	38	116							Soft gray CLAY (CH)
	55											w/ sand seams
		55 b/f 13-25-30		28					25			Very Dense gray SILTY SAND (SM)
	60											w/ shell fragments throughout
		68 b/f 23-41-27		30								
	65											
		81 b/f 38-45-36		26					18			
	70											
		90 b/f 49-52-38		28								
	75											
		80 b/f 29-40-40		28					20			
	80											Boring completed at 80 ft.
	85											
	90											
	95											
	100											
	105											
Ground Water Level Data			Boring Advancement Method					Notes				
		No free water encountered within upper 10 ft. & a 15 min. waiting period	4" Nom. Dia. Short Flight Auger: 0 to 10 ft. 4" Dia. Rotary Wash: 10 to 80 ft.					t = Lateral Confining Pressure (psi). (2nd District Police Station)				
			Boring Abandonment Method									
			Borehole grouted with cement/bentonite upon completion									
Strata Boundaries May Not Be Exact												

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