

Proposed Fire Station
 North Claiborne Avenue and Caffin
 Avenue
 New Orleans, Louisiana

LOG OF SOIL BORING B-1



Sheet 1 of 1

File: 11-3085
 Date: 9/8/11
 Logged by: W.C. Hall
 Driller: K. Cunningham
 Rig: Ardco K-1000

Trapolin Peer Architects
 639 Julia Street
 New Orleans, Louisiana 70130

FIELD DATA				LABORATORY DATA							Soil Type	Location: Lat. 29° 57' 56" Long. 90° 0' 51"					
Ground Water Level	Depth (feet)	Samples	Field Test Results	Compressive Strength (tsf)	Water Content (%)	Wet Unit Weight (pcf)	Atterberg Limits			Percent Passing #200 Sieve		Other	Surface Elevation:				
							LL	PL	PI				Description				
			1.5 (P)														
			1.0 (P)	0.65	42	111											Medium stiff brown SILTY CLAY (CH) with roots
	5		0.5 (P)	0.35	64	101											Soft brown SILTY CLAY (CL) with roots
			0.25 (P)	0.12	94	89											Very soft gray CLAY (CH) with silt, wood and organic matter
	10		< 0.25 (P)														
			< 0.25 (P)	0.06	87	95											
	15		< 0.25 (P)														
	20		< 0.25 (P)														
			0.25 (P)	0.22	36	112	33	24	9								Very soft to soft gray SILTY CLAY (CL)
	25		< 0.25 (P)														
	30		< 0.25 (P)														
			0.25 (P)	0.32	61	104											Soft gray CLAY (CH) with silt lenses
	35		0.5 (P)														
	40		< 0.25 (P)	0.27	68	100	92	24	68								
	45		< 0.25 (P)														
	50		< 0.25 (P)														
			0.25 (P)	0.25	32	119											Loose gray CLAYEY SAND (SC) with shells
	55		0.5 (P)		24												
	60		50+ b/ft		22												
			50+ b/ft		27						23						Very dense gray CLAYEY SAND (SC)
	65		50+ b/ft		22												
			2.25 (P)		19						55						Medium stiff gray SANDY CLAY (CL) - with sand layers
	70		< 0.25 (P)	0.65	24	126											
	75		< 0.25 (P)														
	80		0.25 (P)														
Ground Water Level Data				Boring Advancement Method				Notes				Boring completed at 80 ft.					
Free water first encountered Water level after 15 mins.				3" Nom. Dia. Short Flight Auger: 0 to 20 ft. 3" Dia. Rotary Wash: 20 to 80 ft.													
				Boring Abandonment Method													
				Borehole grouted with cement/ bentonite upon completion													

Strata Boundaries May Not Be Exact

ARD LOG01 01R 11-3085.GPJ LOG01R.GDT 10/6/11