

Project No. 03.14.859.41

Client: United States Army Corps of Engineers

Project: Port O' Connor Mooring Buoy Basin; DACW64-03-D-0008; Delivery Order 0041

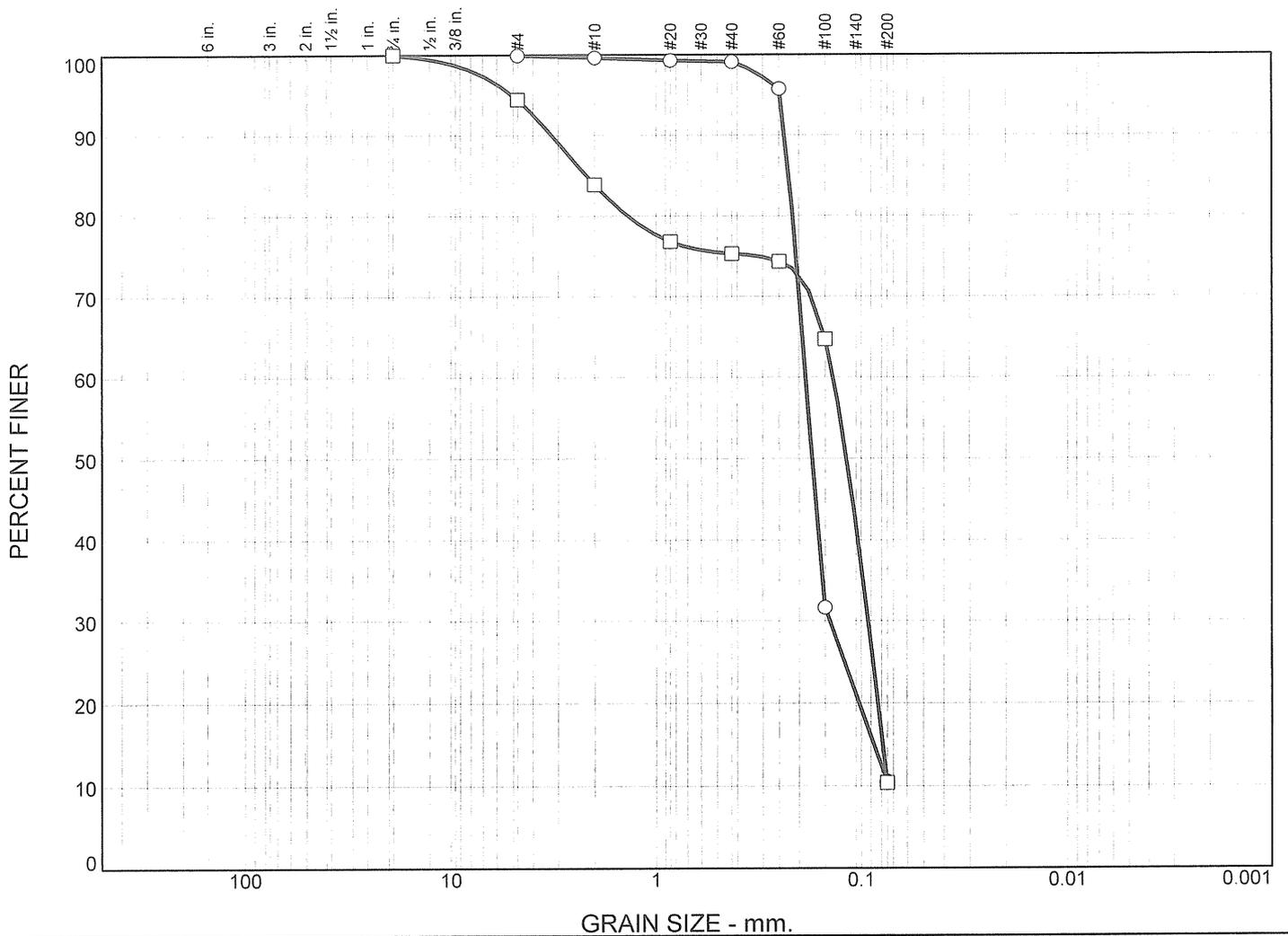
Boring No.	Sample No.	Depth (feet)	Soil Description	USCS	Water Content (%)	Dry Density (pcf)	Liquid Limit	Plastic Limit	Plast. Index	Finer than #200 Sieve (%)	Uc/UU. Compr. (tsf)	Cell Press. (psi)	Failure Strain (%)	Failure Type
	2	3.5-5	Gray and light gray POORLY GRADED SAND with SILT; traces of shell	SP-SM	27.2					9.9				
	6	23.5-25	Gray and dark gray SILTY SAND; crushed shell	SM	26.6					17.7				
	11	42-44	Brown FAT CLAY with SAND; few ferrous and calcareous nodules	CH	26.4	95.4	50	24	26	82.1	1.25	38	14.9	Bulge
05-47														
	1	0-2	Gray and light gray POORLY GRADED SAND with SILT	SP-SM	23.7					10.6				
	4	13.5-15	Gray and dark gray POORLY GRADED SAND with SILT; gravel and crushed shells	SP-SM	23.6					10.4				

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TOLUNAY-WONG

ENGINEERS, INC.

# Particle Size Distribution Report (ASTM D 422)



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○				0.3	0.5	88.5	10.6	
□	0.0	0.0	5.6	10.5	8.6	64.9	10.4	

SOIL DATA					
SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	05-47	1	0-2	Gray and light gray POORLY GRADED SAND with SILT	SP-SM
□	05-47	4	13.5-15	Gray and dark gray POORLY GRADED SAND with SILT; gravel and crushed shells	SP-SM

Figure B-6