



Client:	Anchor QEA, LLC		
Project:	GascoSiltronic: US Moorings 11242020		
Location:		Project No:	GTX-312780
Boring ID:	USMPDI-	Sample Type:	bag
Sample ID:	013SG-201116	Test Date:	01/06/21
Depth :	---	Checked By:	bfs
		Test Id:	595601
Test Comment:	---		
Visual Description:	Wet, dark olive brown silt		
Sample Comment:	---		

Moisture Content of Soil and Rock - ASTM D2216

Boring ID	Sample ID	Depth	Description	Moisture Content,%
USMPDI-	013SG- 201116	---	Wet, dark olive brown silt	161.3

Notes: Temperature of Drying : 110° Celsius



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Boring ID:	USMPDI-	Sample Type:	bag
Sample ID:	013SG-201116	Test Date:	01/12/21
Depth :	---	Checked By:	bfs
		Test Id:	595602
Test Comment:	---		
Visual Description:	Wet, dark olive brown silt		
Sample Comment:	---		

Specific Gravity of Soils by ASTM D854

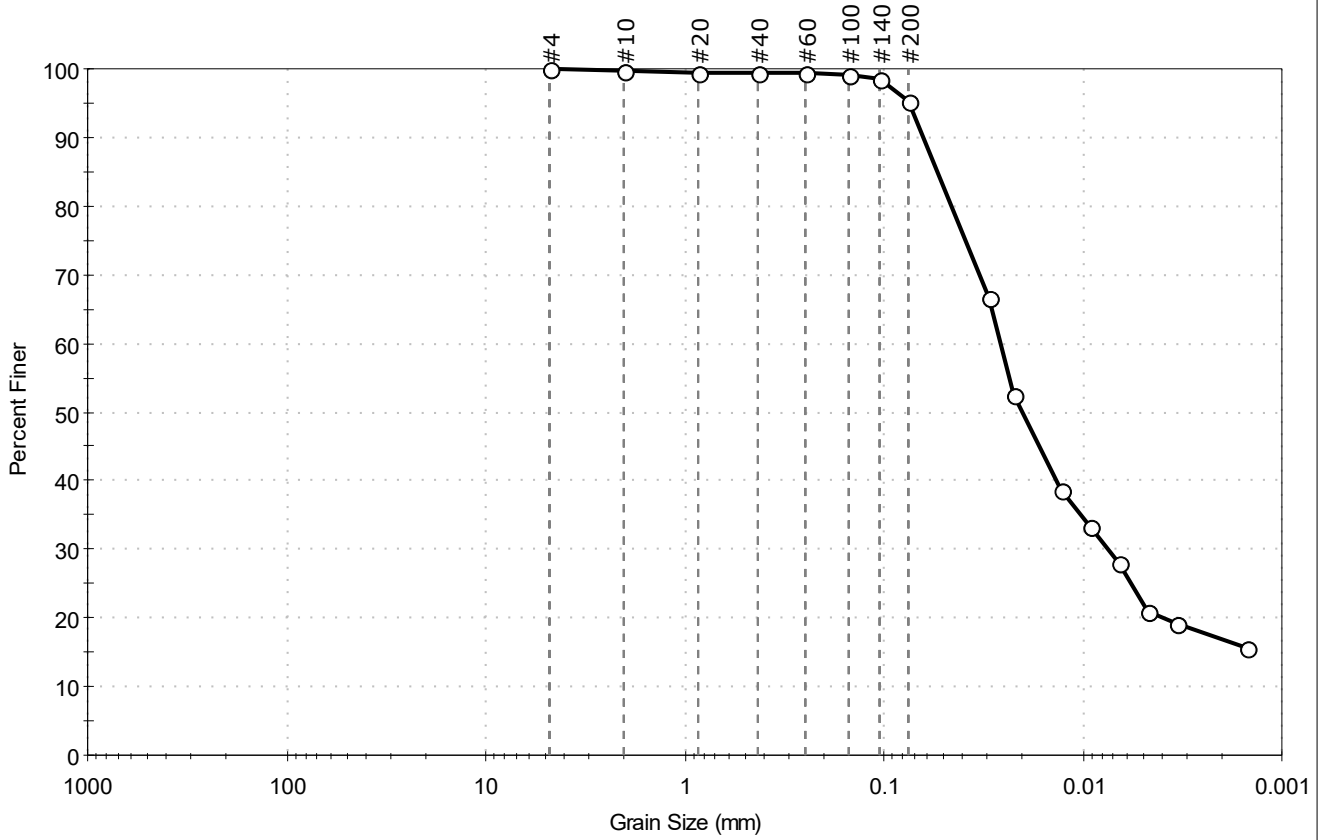
Boring ID	Sample ID	Depth	Visual Description	Specific Gravity
USMPDI-	013SG- 201116	---	Wet, dark olive brown silt	2.60

Notes: Specific Gravity performed by using method B (oven dried specimens) of ASTM D854
Moisture Content determined by ASTM D2216.



Client: Anchor QEA, LLC	Project: GascoSiltronic: US Moorings 11242020	Project No: GTX-312780
Location:	Boring ID: USMPDI-	Sample Type: bag
Tested By: ckg	Sample ID: 013SG-201116	Test Date: 01/09/21
Checked By: bfs	Depth: ---	Test Id: 595600
Test Comment: ---	Visual Description: Wet, dark olive brown silt	Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	4.8	95.2

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	100		
#40	0.42	99		
#60	0.25	99		
#100	0.15	99		
#140	0.11	98		
#200	0.075	95		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0299	67		
---	0.0221	53		
---	0.0128	39		
---	0.0091	33		
---	0.0066	28		
---	0.0047	21		
---	0.0033	19		
---	0.0015	16		

Coefficients	
D ₈₅ = 0.0541 mm	D ₃₀ = 0.0074 mm
D ₆₀ = 0.0259 mm	D ₁₅ = N/A
D ₅₀ = 0.0200 mm	D ₁₀ = N/A
C _u = N/A	C _c = N/A

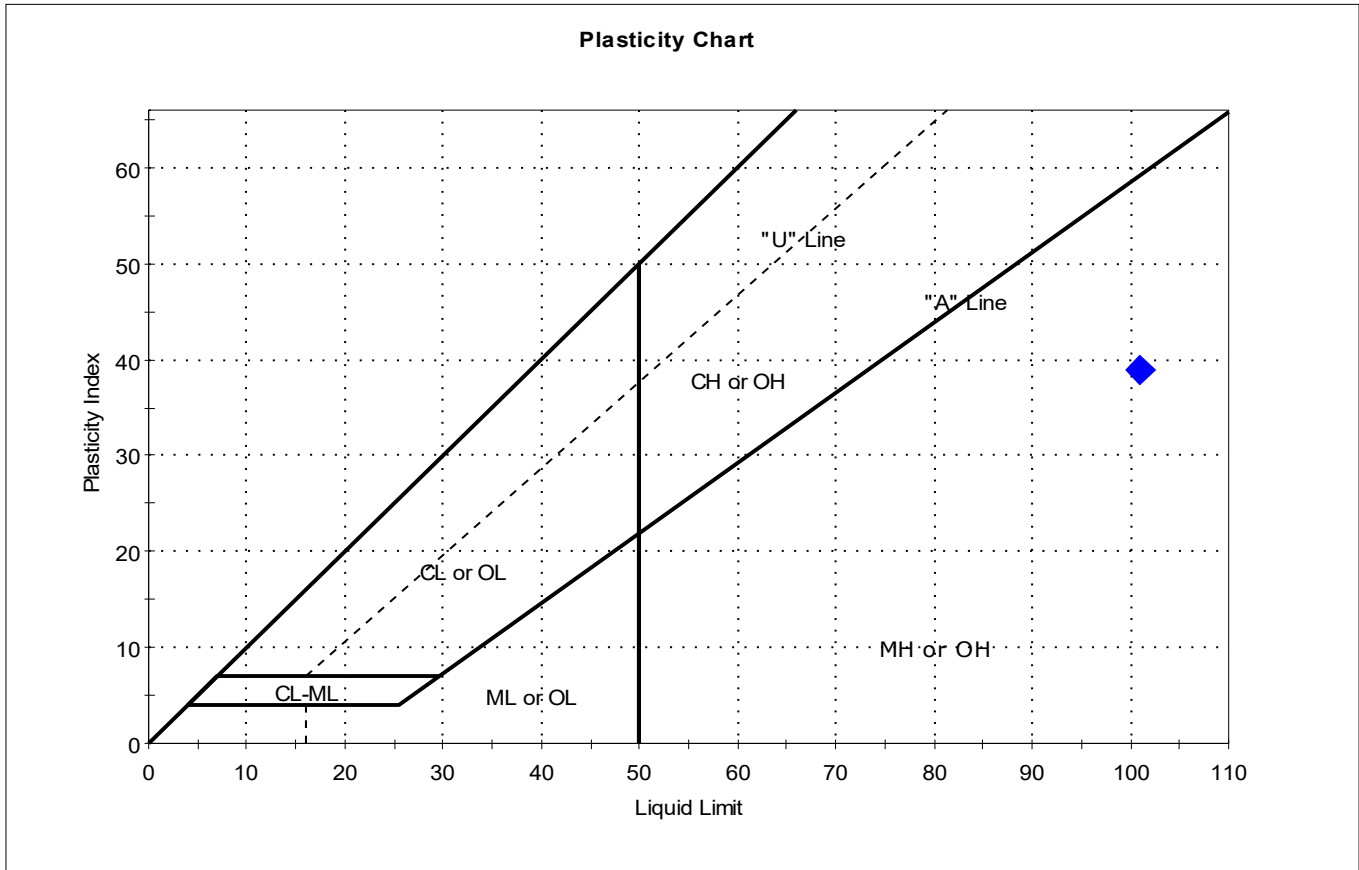
Classification	
ASTM	Elastic SILT (MH)
AASHTO	Clayey Soils (A-7-5 (54))

Sample/Test Description	
Sand/Gravel Particle Shape	: ---
Sand/Gravel Hardness	: ---
Dispersion Device	: Apparatus A - Mech Mixer
Dispersion Period	: 1 minute
Est. Specific Gravity	: 2.65
Separation of Sample	: #200 Sieve



Client: Anchor QEA, LLC	Project: GascoSiltronic: US Moorings 11242020		Project No: GTX-312780
Location:	Boring ID: USMPDI-	Sample Type: bag	Tested By: cam
	Sample ID: 013SG-201116	Test Date: 01/14/21	Checked By: bfs
	Depth: ---	Test Id: 595599	
Test Comment: ---	Visual Description: Wet, dark olive brown silt		
Sample Comment: ---			

Atterberg Limits - ASTM D4318



Symbol	Sample ID	Boring	Depth	Natural Moisture Content, %	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	013SG-201116	USMPDI-	---	161	101	62	39	2.5	Elastic SILT (MH)

Sample Prepared using the WET method
 1% Retained on #40 Sieve
 Dry Strength: VERY HIGH
 Dilatancy: SLOW
 Toughness: LOW