GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	---	Sample Type:	---	Tested By:	ckg
Sample ID:	---	Test Date:	01/08/21	Checked By:	emm
Depth :	---	Test Id:	595335		

Moisture Content of Soil and Rock - ASTM D2216

Boring ID	Sample ID	Depth	Description	Moisture Content,%
USMPDI-	046SC- B-5.8-7.8-201029	---	Moist, dark olive gray silty sand	25.0
USMPDI-	054SC- D-04-06-201029	---	Wet, dark olive gray sandy silt	59.1
USMPDI-	045SC- B-06-08-201030	---	Moist, dark brown silty sand	27.8
USMPDI-	040SC- B-02-04-201103	---	Moist, very dark grayish brown clay	77.2
USMPDI-	048SC- B-14-16-201103	---	Moist, dark olive gray silty sand	36.7
USMPDI-	039SC- B-06-08-201104	---	Moist, dark olive gray silty sand	26.6
USMPDI-	044SC- B-08-10-201104	---	Moist, dark grayish brown silt	75.6
USMPDI-	049SC- B-10-12-201104	---	Moist, dark brown silt	70.9

Notes: Temperature of Drying : 110º Celsius

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	---	Sample Type:	---	Tested By:	ckg
Sample ID:	---	Test Date:	01/07/21	Checked By:	emm
Depth :	---	Test Id:	595344		

Moisture Content of Soil and Rock - ASTM D2216

Boring ID	Sample ID	Depth	Description	Moisture Content,%
USMPDI-	042SC- B-02-04-201105	---	Wet, very dark gray silt	82.8
USMPDI-	043SC- B-06-08-201105	---	Moist, very dark gray silt	87.4
USMPDI-	050SC- B-04-06-201105	---	Wet, very dark grayish brown silt with sand	84.9
USMPDI-	026SC- B-08-10-201106	---	Wet, very dark gray silt with sand	74.4
USMPDI-	027SC- B-14-16-201106	---	Wet, dark olive gray silty sand	45.2
USMPDI-	034SC- B-10-12-201106	---	Moist, dark olive gray sand with silt	27.7
USMPDI-	021SC- B-08-10-201107	---	Moist, dark olive gray sand with silt	14.2
USMPDI-	023SC- B-06-08-201107	---	Wet, very dark grayish brown sandy silt	52.9
USMPDI-	056SC- B-04-06-201107	---	Wet, very dark gray silt with sand	76.7

Notes: Temperature of Drying : 110º Celsius

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	---	Sample Type:	---	Tested By:	ckg
Sample ID:	---	Test Date:	01/07/21	Checked By:	emm
Depth :	---	Test Id:	595352		

Moisture Content of Soil and Rock - ASTM D2216

Boring ID	Sample ID	Depth	Description	Moisture Content,%
USMPDI-	013SC- B-08-10-201108	---	Moist, dark olive gray sand with silt	17.6
USMPDI-	018SC- B-06-08-201108	---	Moist, very dark gray silt	69.3
USMPDI-	022SC- B-06-08-201108	---	Moist, dark olive gray sandy silt	47.0
USMPDI-	012SC- D-00-02-201109	---	Wet, very dark grayish brown sandy silt	47.7
USMPDI-	014SC- B-14-16-201109	---	Moist, very dark gray silt with sand	47.4
USMPDI-	057SC- B-04-06-201109	---	Moist, dark olive brown silty sand	29.9
USMPDI-	003SC- B-04-06-201110	---	Moist, dark olive gray sand with silt	26.3
USMPDI-	006SC- D-04-06-201110	---	Moist, very dark grayish brown silty sand	20.9

Notes: Temperature of Drying : 110º Celsius

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	---	Sample Type:	---	Tested By:	ckg
Sample ID:	---	Test Date:	01/07/21	Checked By:	emm
Depth :	---	Test Id:	595357		

Moisture Content of Soil and Rock - ASTM D2216

Boring ID	Sample ID	Depth	Description	Moisture Content,%
USMPDI-	001SC- B-02-04-201111	---	Moist, dark olive brown silty sand	41.1
USMPDI-	002SC- B-04-06-201111	---	Moist, very dark gray silty sand	47.1
USMPDI-	004SC- B-04-06-201111	---	Wet, very dark gray silt with sand	71.4
USMPDI-	011SC- D-08-10-201111	---	Moist, dark olive brown silty sand	29.0
USMPDI-	009SC- D-08-10-201112	---	Wet, very dark grayish brown silt with sand	55.0

Notes: Temperature of Drying : 110º Celsius

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	---	Sample Type:	---	Tested By:	ckg
Sample ID:	---	Test Date:	01/14/21	Checked By:	emm
Depth :	---	Test Id:	595365		

Specific Gravity of Soils by ASTM D854

Boring ID	Sample ID	Depth	Visual Description	Specific Gravity	Comment
USMPDI-	046SC-B-5.8-7.8-201029	---	Moist, dark olive gray silty sand	2.69	
USMPDI-	054SC-D-04-06-201029	---	Wet, dark olive gray sandy silt	2.62	
USMPDI-	045SC-B-06-08-201030	---	Moist, dark brown silty sand	2.66	
USMPDI-	040SC-B-02-04-201103	---	Moist, very dark grayish brown clay	2.62	
USMPDI-	048SC-B-14-16-201103	---	Moist, dark olive gray silty sand	2.71	
USMPDI-	039SC-B-06-08-201104	---	Moist, dark olive gray silty sand	2.72	
USMPDI-	044SC-B-08-10-201104	---	Moist, dark grayish brown silt	2.60	
USMPDI-	049SC-B-10-12-201104	---	Moist, dark brown silt	2.63	

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

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	---	Sample Type:	---	Tested By:	ckg
Sample ID:	---	Test Date:	01/14/21	Checked By:	emm
Depth :	---	Test Id:	595374		

Specific Gravity of Soils by ASTM D854

Boring ID	Sample ID	Depth	Visual Description	Specific Gravity	Comment
USMPDI-	042SC-B-02-04-201105	---	Wet, very dark gray silt	2.64	
USMPDI-	043SC-B-06-08-201105	---	Moist, very dark gray silt	2.58	
USMPDI-	050SC-B-04-06-201105	---	Wet, very dark grayish brown silt with sand	2.72	
USMPDI-	026SC-B-08-10-201106	---	Wet, very dark gray silt with sand	2.61	
USMPDI-	027SC-B-14-16-201106	---	Wet, dark olive gray silty sand	2.70	
USMPDI-	034SC-B-10-12-201106	---	Moist, dark olive gray sand with silt	2.69	
USMPDI-	021SC-B-08-10-201107	---	Moist, dark olive gray sand with silt	2.74	
USMPDI-	023SC-B-06-08-201107	---	Wet, very dark grayish brown sandy silt	2.67	
USMPDI-	056SC-B-04-06-201107	---	Wet, very dark gray silt with sand	2.62	

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

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	---	Sample Type:	---	Tested By:	ckg
Sample ID:	---	Test Date:	01/14/21	Checked By:	emm
Depth :	---	Test Id:	595382		

Specific Gravity of Soils by ASTM D854

Boring ID	Sample ID	Depth	Visual Description	Specific Gravity	Comment
USMPDI-	013SC-B-08-10-201108	---	Moist, dark olive gray sand with silt	2.70	
USMPDI-	018SC-B-06-08-201108	---	Moist, very dark gray silt	2.58	
USMPDI-	022SC-B-06-08-201108	---	Moist, dark olive gray sandy silt	2.61	
USMPDI-	012SC-D-00-02-201109	---	Wet, very dark grayish brown sandy silt	2.63	
USMPDI-	014SC-B-14-16-201109	---	Moist, very dark gray silt with sand	2.67	
USMPDI-	057SC-B-04-06-201109	---	Moist, dark olive brown silty sand	2.69	
USMPDI-	003SC-B-04-06-201110	---	Moist, dark olive gray sand with silt	2.71	
USMPDI-	006SC-D-04-06-201110	---	Moist, very dark grayish brown silty sand	2.71	

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

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	---	Sample Type:	---	Tested By:	ckg
Sample ID:	---	Test Date:	01/14/21	Checked By:	emm
Depth :	---	Test Id:	595387		

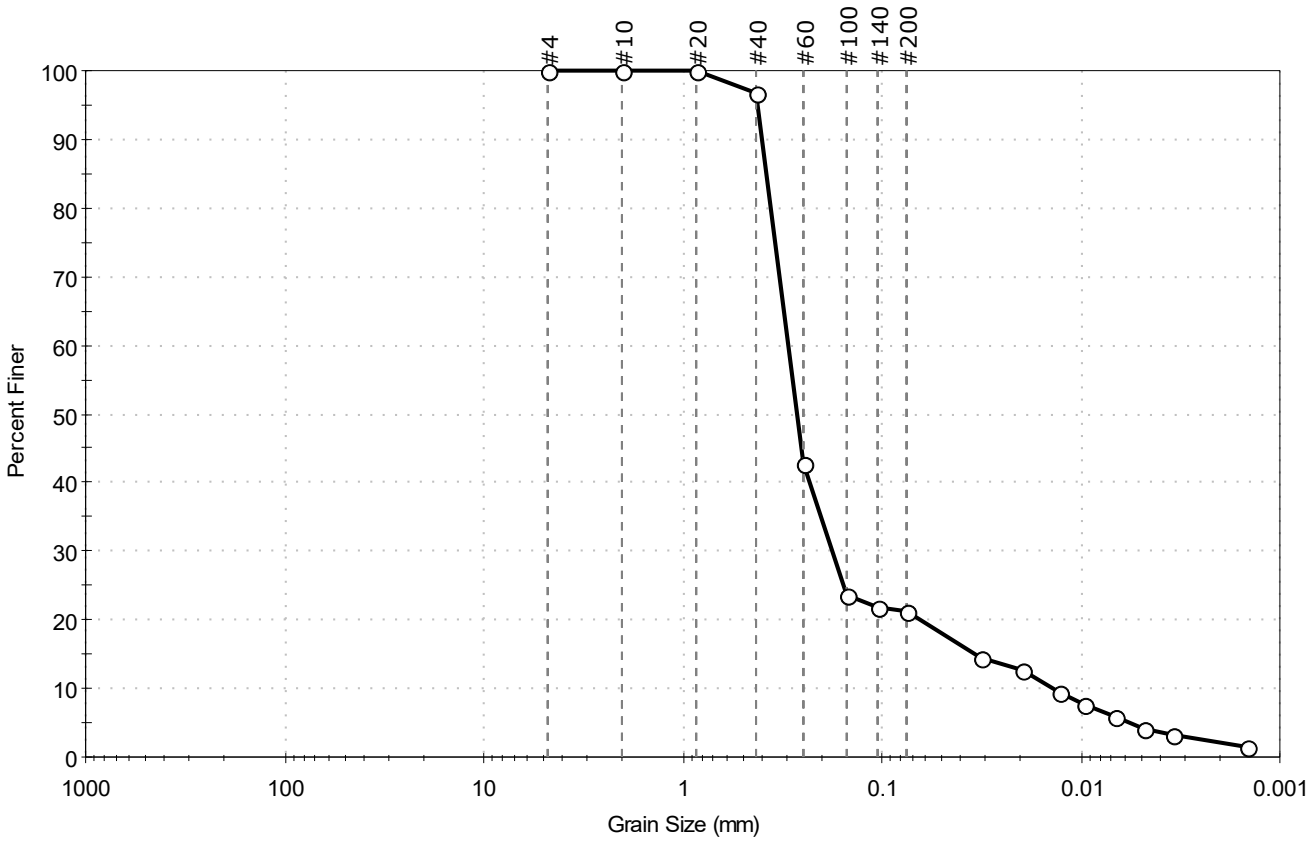
Specific Gravity of Soils by ASTM D854

Boring ID	Sample ID	Depth	Visual Description	Specific Gravity	Comment
USMPDI-	001SC-B-02-04-201111	---	Moist, dark olive brown silty sand	2.71	
USMPDI-	002SC-B-04-06-201111	---	Moist, very dark gray silty sand	2.70	
USMPDI-	004SC-B-04-06-201111	---	Wet, very dark gray silt with sand	2.61	
USMPDI-	011SC-D-08-10-201111	---	Moist, dark olive brown silty sand	2.70	
USMPDI-	009SC-D-08-10-201112	---	Wet, very dark grayish brown silt with sand	2.67	

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 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	046SC-B-5.8-7.8-201029	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595298		
Test Comment:	---				
Visual Description:	Moist, dark olive gray silty sand				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	78.8	21.2

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	97		
#60	0.25	43		
#100	0.15	24		
#140	0.11	22		
#200	0.075	21		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0316	15		
---	0.0199	13		
---	0.0129	9		
---	0.0096	8		
---	0.0068	6		
---	0.0048	4		
---	0.0034	3		
---	0.0015	1		

Coefficients

D_{85} = 0.3786 mm	D_{30} = 0.1782 mm
D_{60} = 0.2962 mm	D_{15} = 0.0335 mm
D_{50} = 0.2685 mm	D_{10} = 0.0141 mm
C_u = 21.007	C_c = 7.603

Classification

ASTM Silty SAND (SM)

AASHTO Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

Dispersion Device : Apparatus A - Mech Mixer

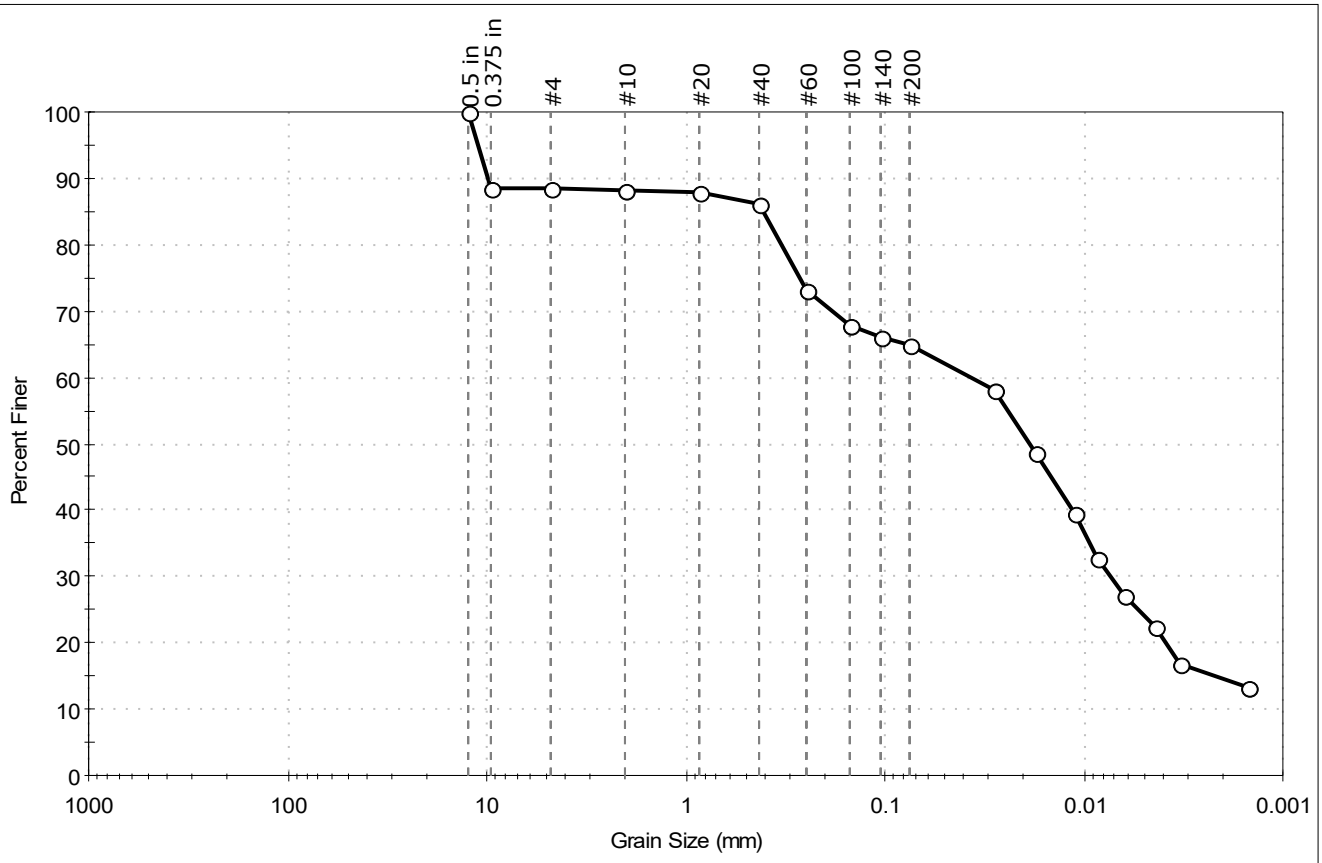
Dispersion Period : 1 minute

Est. Specific Gravity : 2.65

Separation of Sample: #200 Sieve

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	054SC-D-04-06-201029	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595299		
Test Comment:	---				
Visual Description:	Wet, dark olive gray sandy silt				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	11.5	23.5	65.0

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.5 in	12.50	100		
0.375 in	9.50	89		
#4	4.75	88		
#10	2.00	88		
#20	0.85	88		
#40	0.42	86		
#60	0.25	73		
#100	0.15	68		
#140	0.11	66		
#200	0.075	65		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0285	58		
---	0.0175	49		
---	0.0111	39		
---	0.0085	33		
---	0.0063	27		
---	0.0044	23		
---	0.0033	17		
---	0.0015	13		

Coefficients

D_{85} = 0.4065 mm
D_{30} = 0.0073 mm
D_{60} = 0.0371 mm
D_{15} = 0.0022 mm
D_{50} = 0.0187 mm
D_{10} = N/A
C_u = N/A
C_c = N/A

Classification

ASTM Sandy SILT (ML)

AASHTO Clayey Soils (A-7-5 (9))

Sample/Test Description

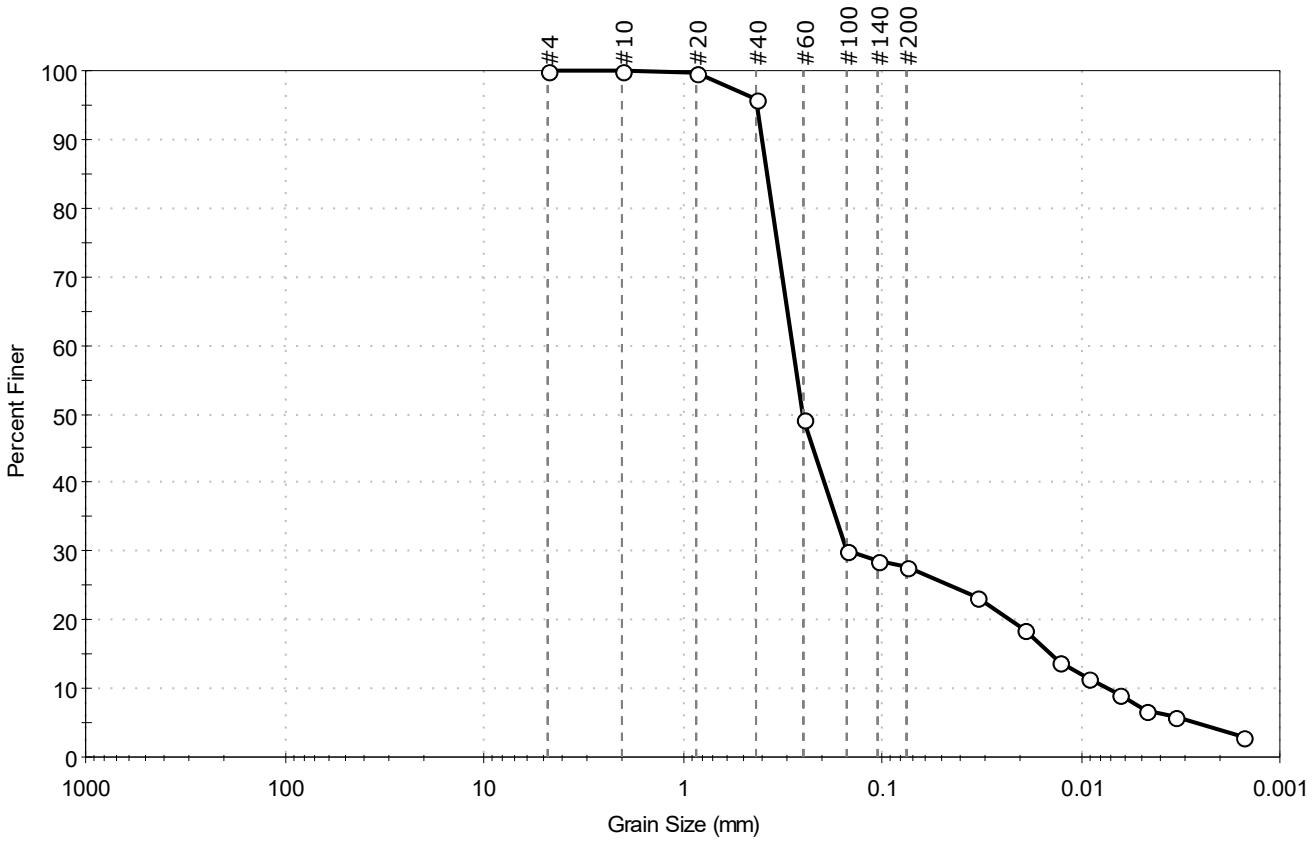
Sand/Gravel Particle Shape : ANGULAR
Sand/Gravel Hardness : HARD
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	045SC-B-06-08-201030	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595300		

Test Comment: ---
Visual Description: Moist, dark brown silty sand
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	72.1	27.9

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	96		
#60	0.25	49		
#100	0.15	30		
#140	0.11	28		
#200	0.075	28		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0332	23		
---	0.0191	19		
---	0.0130	14		
---	0.0092	11		
---	0.0065	9		
---	0.0048	7		
---	0.0034	6		
---	0.0015	3		

Coefficients

D_{85} = 0.3756 mm D_{30} = 0.1467 mm
D_{60} = 0.2828 mm D_{15} = 0.0142 mm
D_{50} = 0.2525 mm D_{10} = 0.0074 mm
C_u = 38.216 C_c = 10.284

Classification

ASTM Silty SAND (SM)

AASHTO Silty Gravel and Sand (A-2-4 (0))

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

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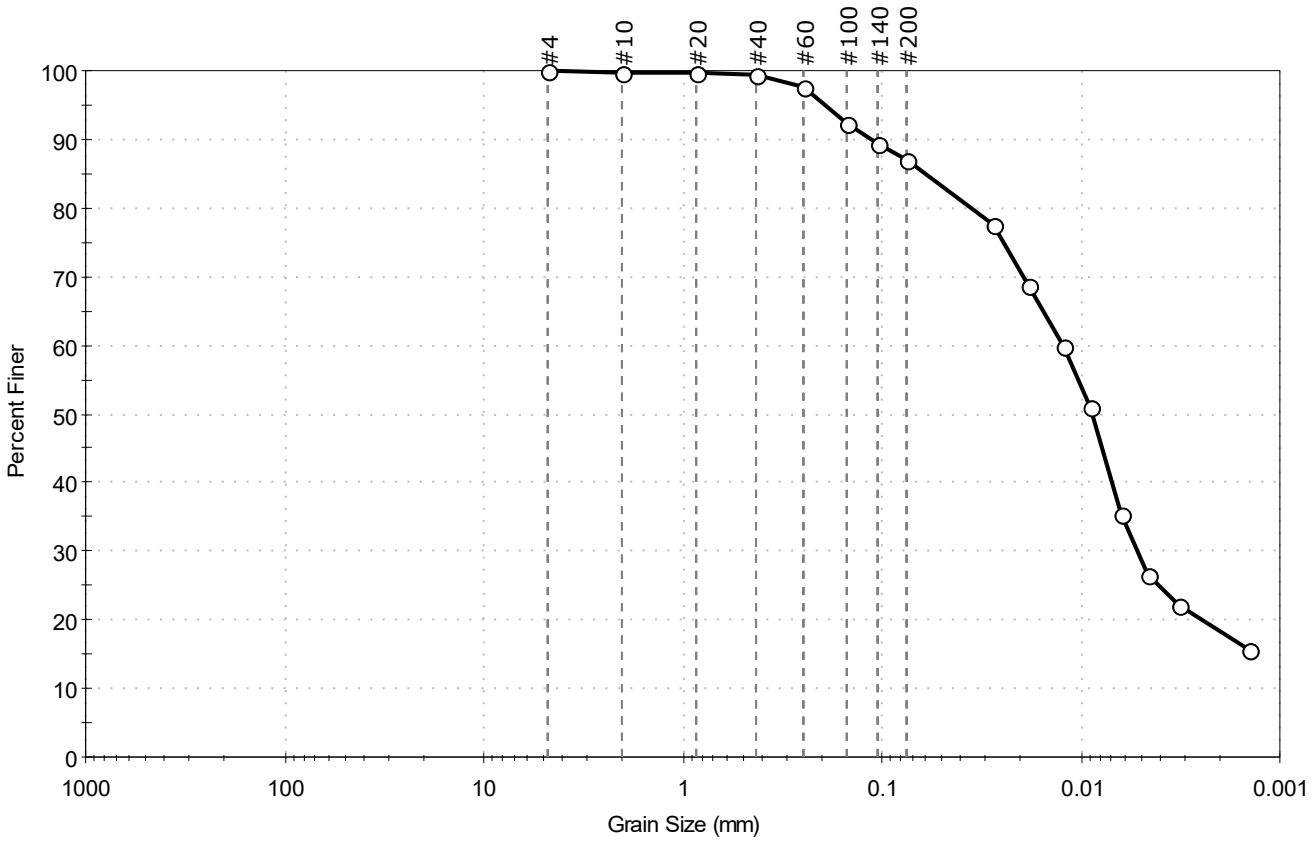
Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	040SC-B-02-04-201103	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595301		
Test Comment:	---				
Visual Description:	Moist, very dark grayish brown clay				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	12.9	87.1

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	98		
#100	0.15	92		
#140	0.11	89		
#200	0.075	87		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0277	77		
---	0.0183	69		
---	0.0123	60		
---	0.0089	51		
---	0.0064	35		
---	0.0046	27		
---	0.0032	22		
---	0.0014	15		

Coefficients

D_{85} =0.0603 mm	D_{30} =0.0052 mm
D_{60} =0.0124 mm	D_{15} =N/A
D_{50} =0.0088 mm	D_{10} =N/A
C_u =N/A	C_c =N/A

Classification

ASTM Fat CLAY (CH)

AASHTO Clayey Soils (A-7-5 (41))

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

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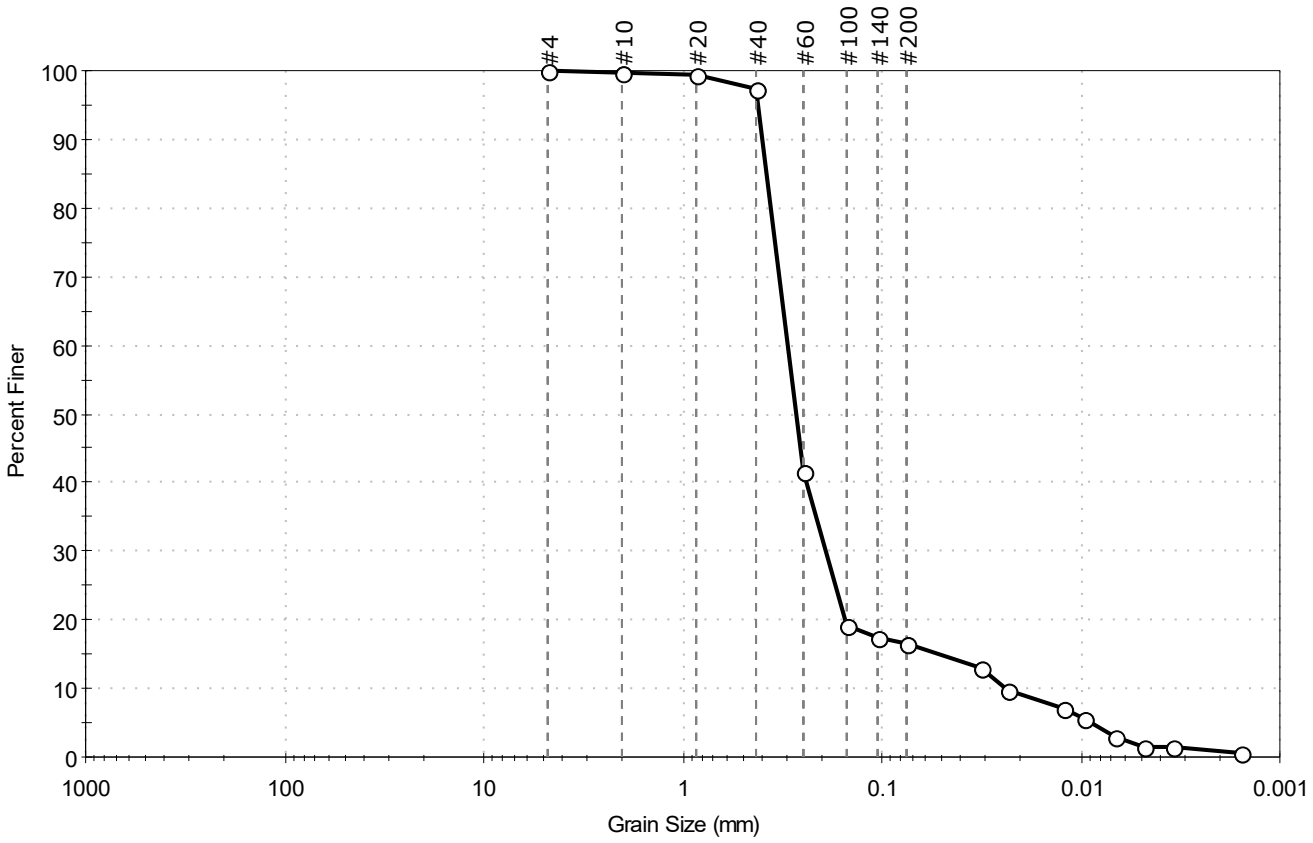
Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	048SC-B-14-16-201103	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595302		
Test Comment:	---				
Visual Description:	Moist, dark olive gray silty sand				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	83.6	16.4

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	97		
#60	0.25	42		
#100	0.15	19		
#140	0.11	17		
#200	0.075	16		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0319	13		
---	0.0231	10		
---	0.0124	7		
---	0.0096	5		
---	0.0068	3		
---	0.0048	1		
---	0.0035	1		
---	0.0016	0		

Coefficients

D_{85} =0.3782 mm	D_{30} =0.1920 mm
D_{60} =0.2980 mm	D_{15} =0.0525 mm
D_{50} =0.2709 mm	D_{10} =0.0239 mm
C_u =12.469	C_c =5.176

Classification

ASTM Silty SAND (SM)

AASHTO Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

Dispersion Device : Apparatus A - Mech Mixer

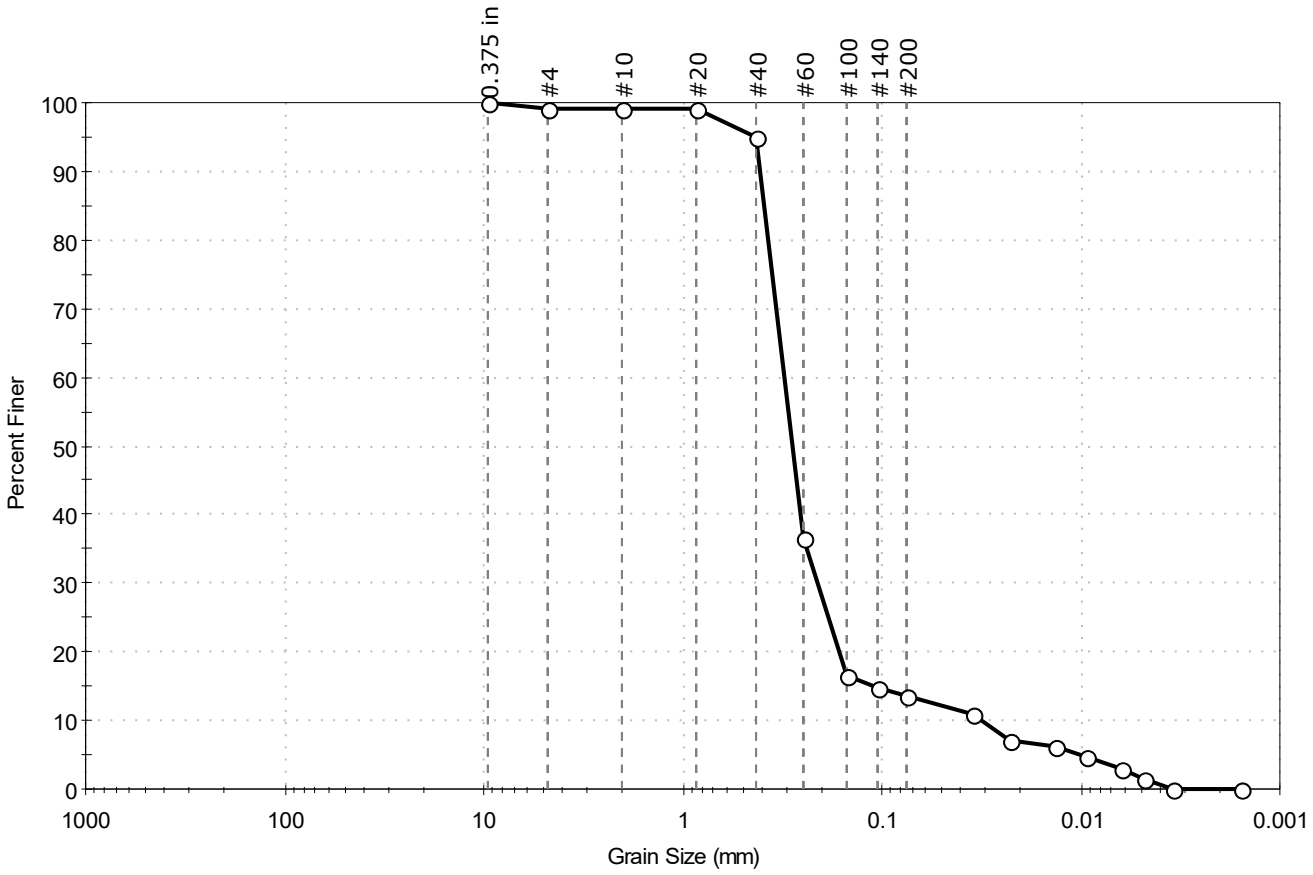
Dispersion Period : 1 minute

Est. Specific Gravity : 2.65

Separation of Sample: #200 Sieve

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	039SC-B-06-08-201104	Test Date:	01/09/21	Checked By:	emm
Depth :	---	Test Id:	595303		
Test Comment:	---				
Visual Description:	Moist, dark olive gray silty sand				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.9	85.5	13.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.375 in	9.50	100		
#4	4.75	99		
#10	2.00	99		
#20	0.85	99		
#40	0.42	95		
#60	0.25	37		
#100	0.15	17		
#140	0.11	15		
#200	0.075	14		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0348	11		
---	0.0230	7		
---	0.0135	6		
---	0.0095	5		
---	0.0063	3		
---	0.0048	2		
---	0.0035	0		
---	0.0016	0		

Coefficients

D_{85} =0.3881 mm	D_{30} =0.2112 mm
D_{60} =0.3092 mm	D_{15} =0.1129 mm
D_{50} =0.2823 mm	D_{10} =0.0319 mm
C_u =9.693	C_c =4.522

Classification

ASTM Silty SAND (SM)

AASHTO Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

Dispersion Device : Apparatus A - Mech Mixer

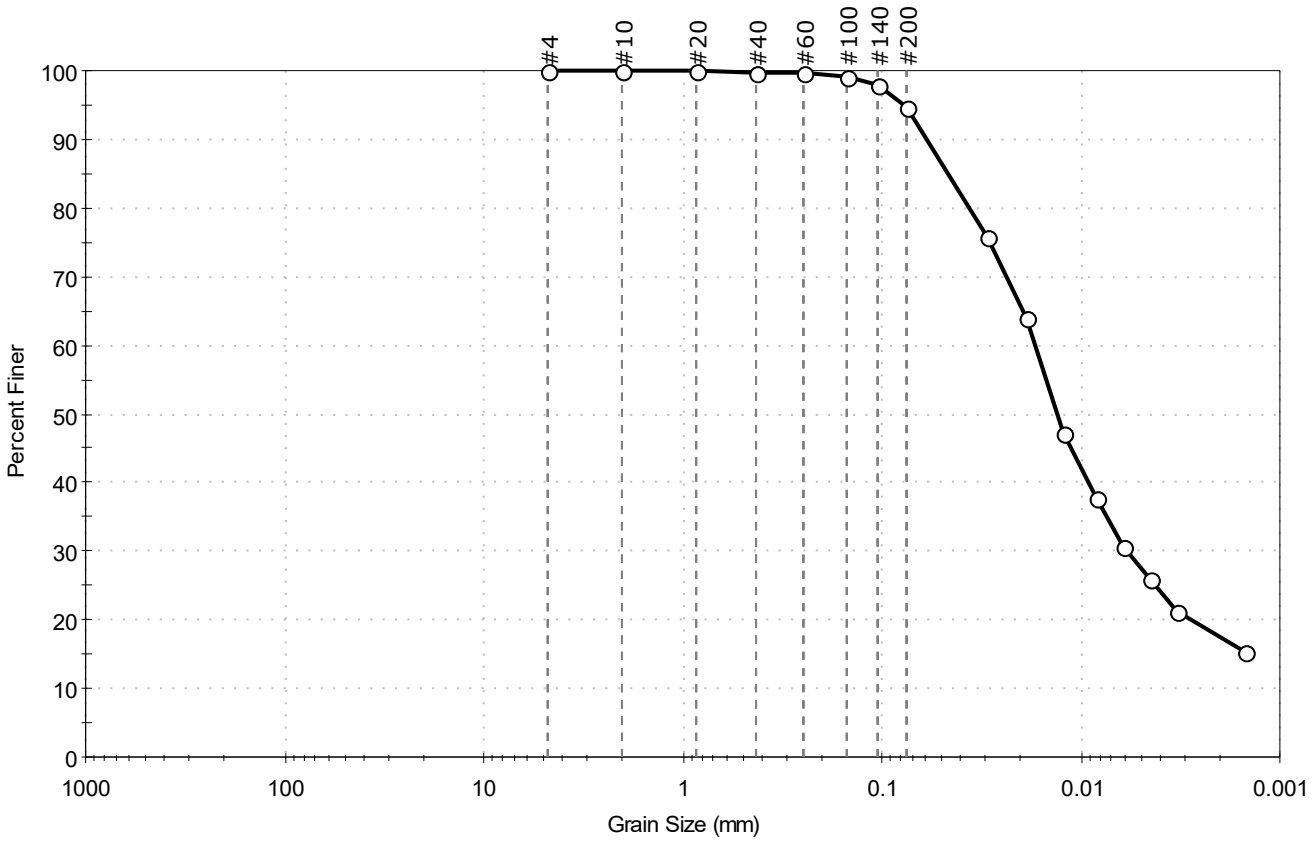
Dispersion Period : 1 minute

Est. Specific Gravity : 2.65

Separation of Sample: #200 Sieve

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	044SC-B-08-10-201104	Test Date:	01/09/21	Checked By:	emm
Depth :	---	Test Id:	595304		
Test Comment:	---				
Visual Description:	Moist, dark grayish brown silt				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	5.4	94.6

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	100		
#60	0.25	100		
#100	0.15	99		
#140	0.11	98		
#200	0.075	95		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0299	76		
---	0.0187	64		
---	0.0121	47		
---	0.0084	38		
---	0.0061	31		
---	0.0045	26		
---	0.0033	21		
---	0.0015	15		

Coefficients

D_{85} = 0.0470 mm	D_{30} = 0.0058 mm
D_{60} = 0.0169 mm	D_{15} = N/A
D_{50} = 0.0130 mm	D_{10} = N/A
C_u = N/A	C_c = N/A

Classification

ASTM Elastic SILT (MH)

AASHTO Clayey Soils (A-7-5 (43))

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

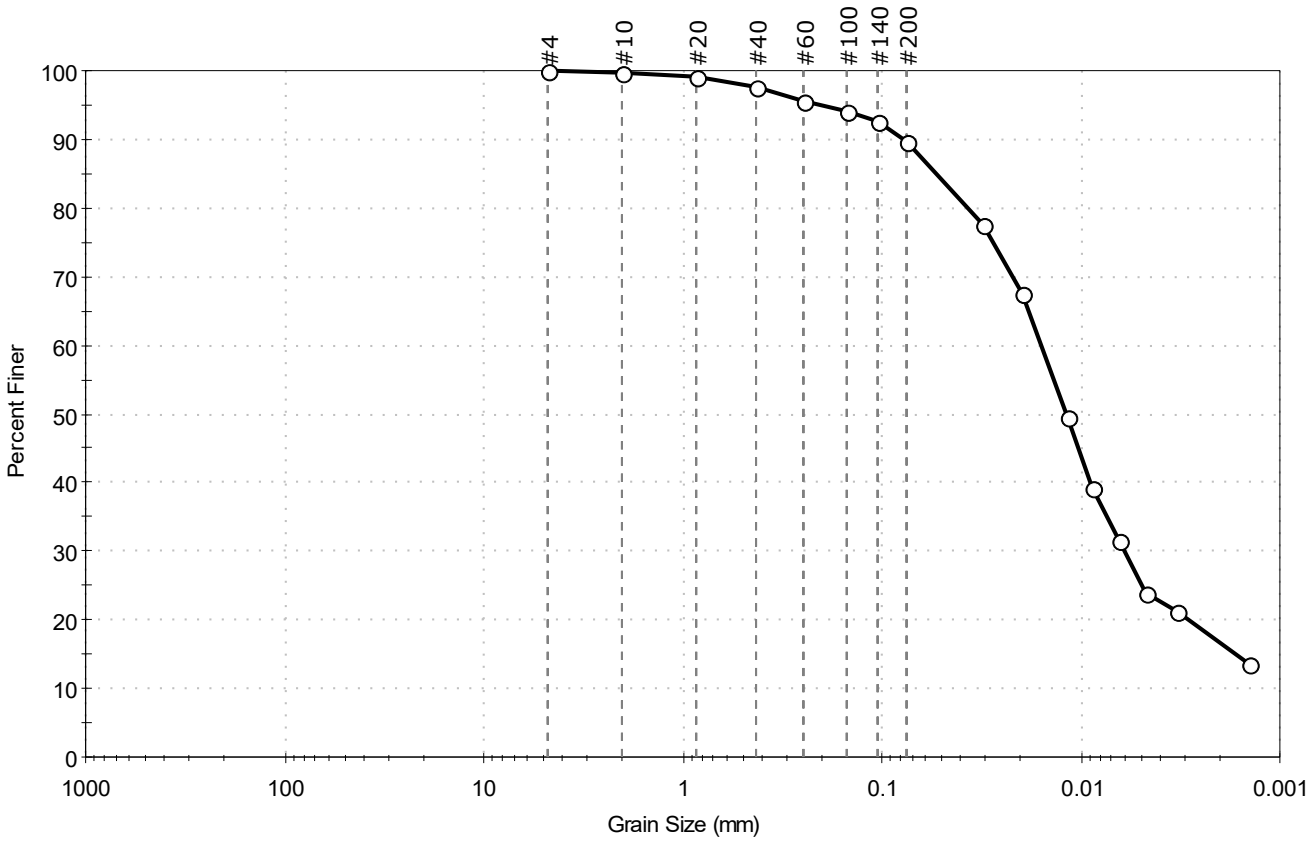
Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	049SC-B-10-12-201104	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595305		

Test Comment: ---
Visual Description: Moist, dark brown silt
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	10.4	89.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	98		
#60	0.25	95		
#100	0.15	94		
#140	0.11	92		
#200	0.075	90		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0314	78		
---	0.0196	67		
---	0.0116	49		
---	0.0088	39		
---	0.0064	32		
---	0.0047	24		
---	0.0033	21		
---	0.0014	14		

Coefficients

D_{85} = 0.0537 mm D_{30} = 0.0060 mm
D_{60} = 0.0158 mm D_{15} = 0.0017 mm
D_{50} = 0.0118 mm D_{10} = N/A
C_u = N/A C_c = N/A

Classification

ASTM Elastic SILT (MH)

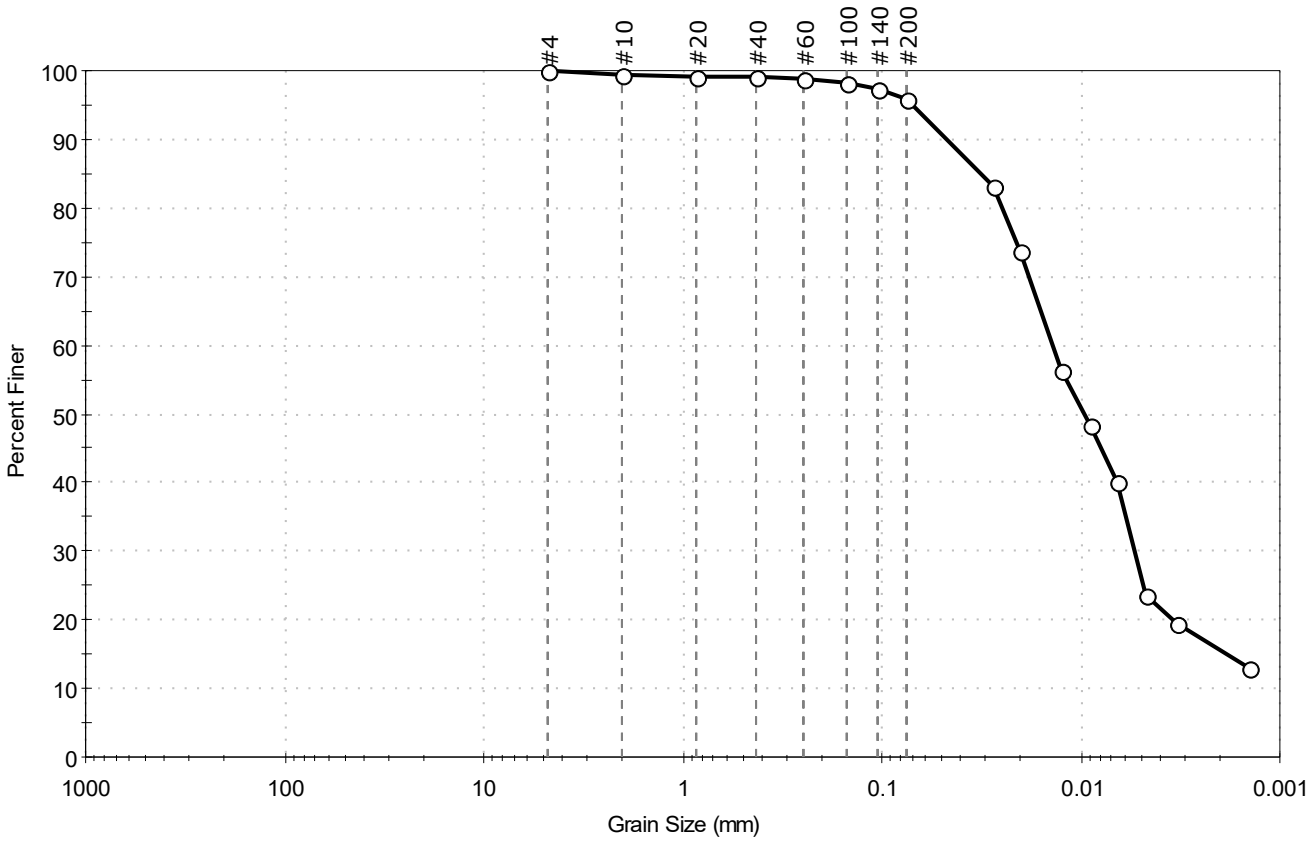
AASHTO Clayey Soils (A-7-5 (37))

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 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	042SC-B-02-04-201105	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595306		
Test Comment:	---				
Visual Description:	Wet, very dark gray silt				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	4.2	95.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	99		
#20	0.85	99		
#40	0.42	99		
#60	0.25	99		
#100	0.15	98		
#140	0.11	97		
#200	0.075	96		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0275	83		
---	0.0202	74		
---	0.0124	56		
---	0.0089	48		
---	0.0066	40		
---	0.0047	24		
---	0.0033	20		
---	0.0014	13		

Coefficients

D_{85} = 0.0318 mm	D_{30} = 0.0053 mm
D_{60} = 0.0138 mm	D_{15} = 0.0019 mm
D_{50} = 0.0095 mm	D_{10} = N/A
C_u = N/A	C_c = N/A

Classification

ASTM Elastic SILT (MH)

AASHTO Clayey Soils (A-7-5 (38))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

Dispersion Device : Apparatus A - Mech Mixer

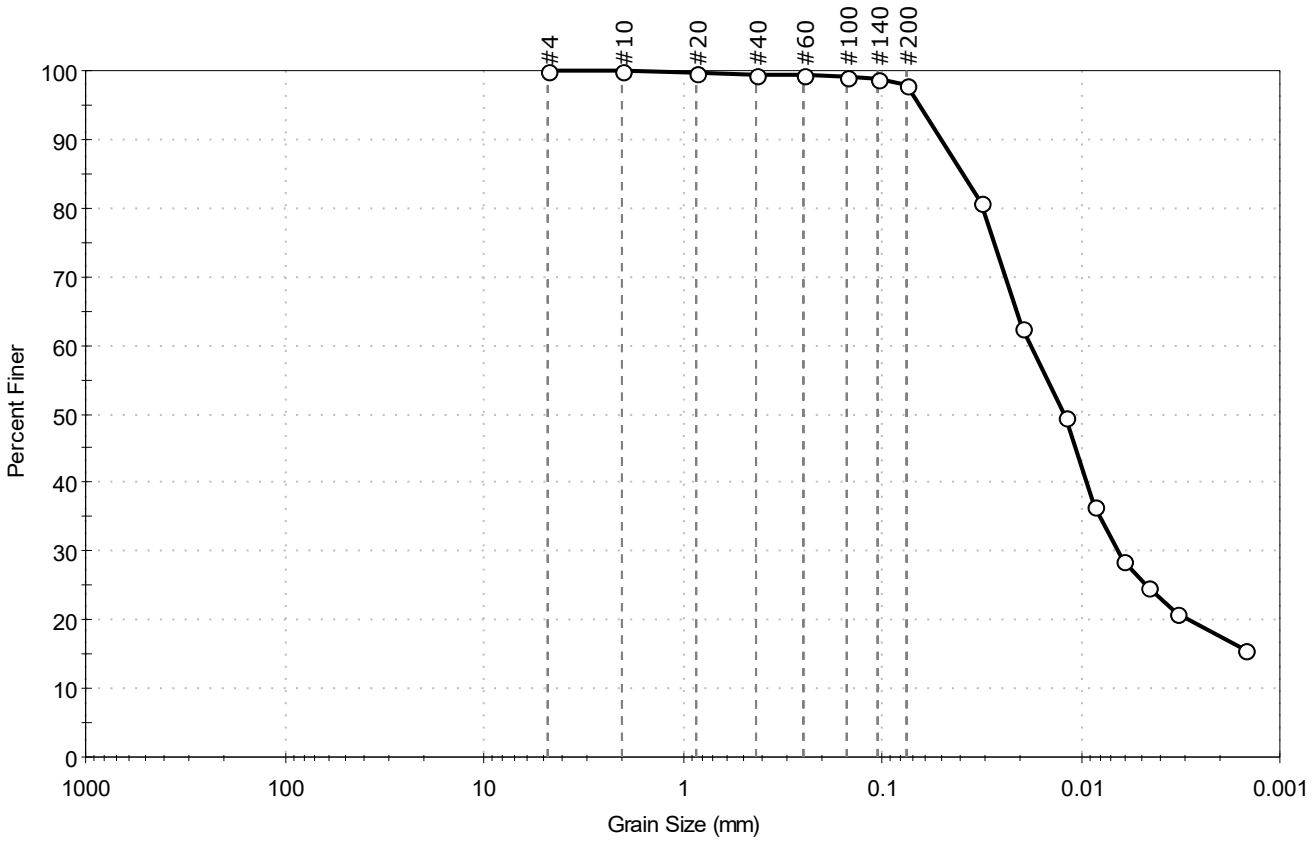
Dispersion Period : 1 minute

Est. Specific Gravity : 2.65

Separation of Sample: #200 Sieve

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	043SC-B-06-08-201105	Test Date:	01/09/21	Checked By:	emm
Depth :	---	Test Id:	595307		
Test Comment:	---				
Visual Description:	Moist, very dark gray silt				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	2.2	97.8

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	100		
#60	0.25	99		
#100	0.15	99		
#140	0.11	99		
#200	0.075	98		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0315	81		
---	0.0197	63		
---	0.0119	50		
---	0.0085	37		
---	0.0061	29		
---	0.0046	25		
---	0.0033	21		
---	0.0015	16		

Coefficients

D_{85} =0.0389 mm	D_{30} =0.0064 mm
D_{60} =0.0178 mm	D_{15} =N/A
D_{50} =0.0121 mm	D_{10} =N/A
C_u =N/A	C_c =N/A

Classification

ASTM Elastic SILT (MH)

AASHTO Clayey Soils (A-7-5 (50))

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

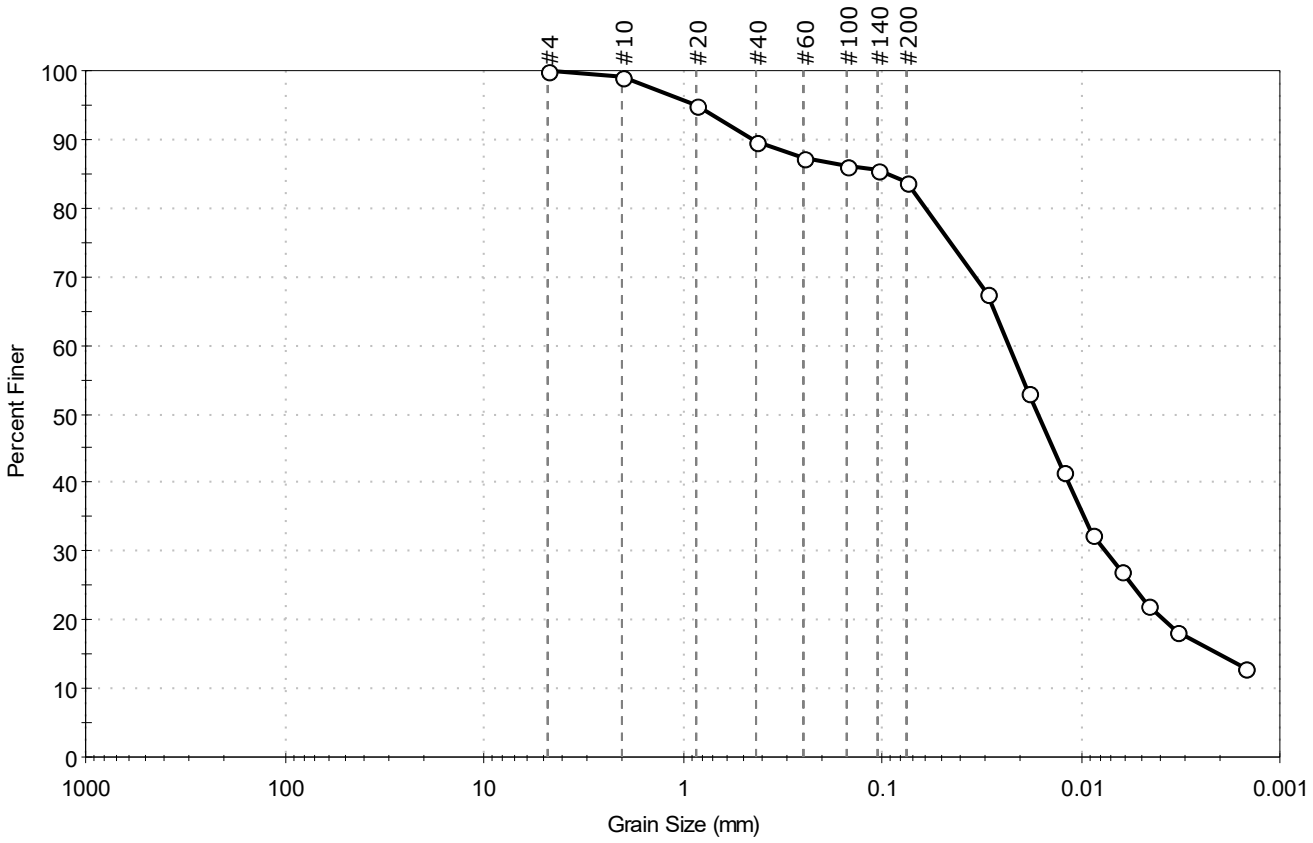
Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	050SC-B-04-06-201105	Test Date:	01/09/21	Checked By:	emm
Depth :	---	Test Id:	595308		

Test Comment: ---
Visual Description: Wet, very dark grayish brown silt with sand
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.1	16.1	83.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	99		
#20	0.85	95		
#40	0.42	90		
#60	0.25	87		
#100	0.15	86		
#140	0.11	85		
#200	0.075	84		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0293	67		
---	0.0184	53		
---	0.0123	42		
---	0.0087	32		
---	0.0063	27		
---	0.0046	22		
---	0.0033	18		
---	0.0015	13		

Coefficients

D_{85} = 0.0966 mm D_{30} = 0.0075 mm
D_{60} = 0.0230 mm D_{15} = 0.0021 mm
D_{50} = 0.0165 mm D_{10} = N/A
C_u = N/A C_c = N/A

Classification

ASTM Elastic SILT with Sand (MH)

AASHTO Clayey Soils (A-7-5 (34))

Sample/Test Description

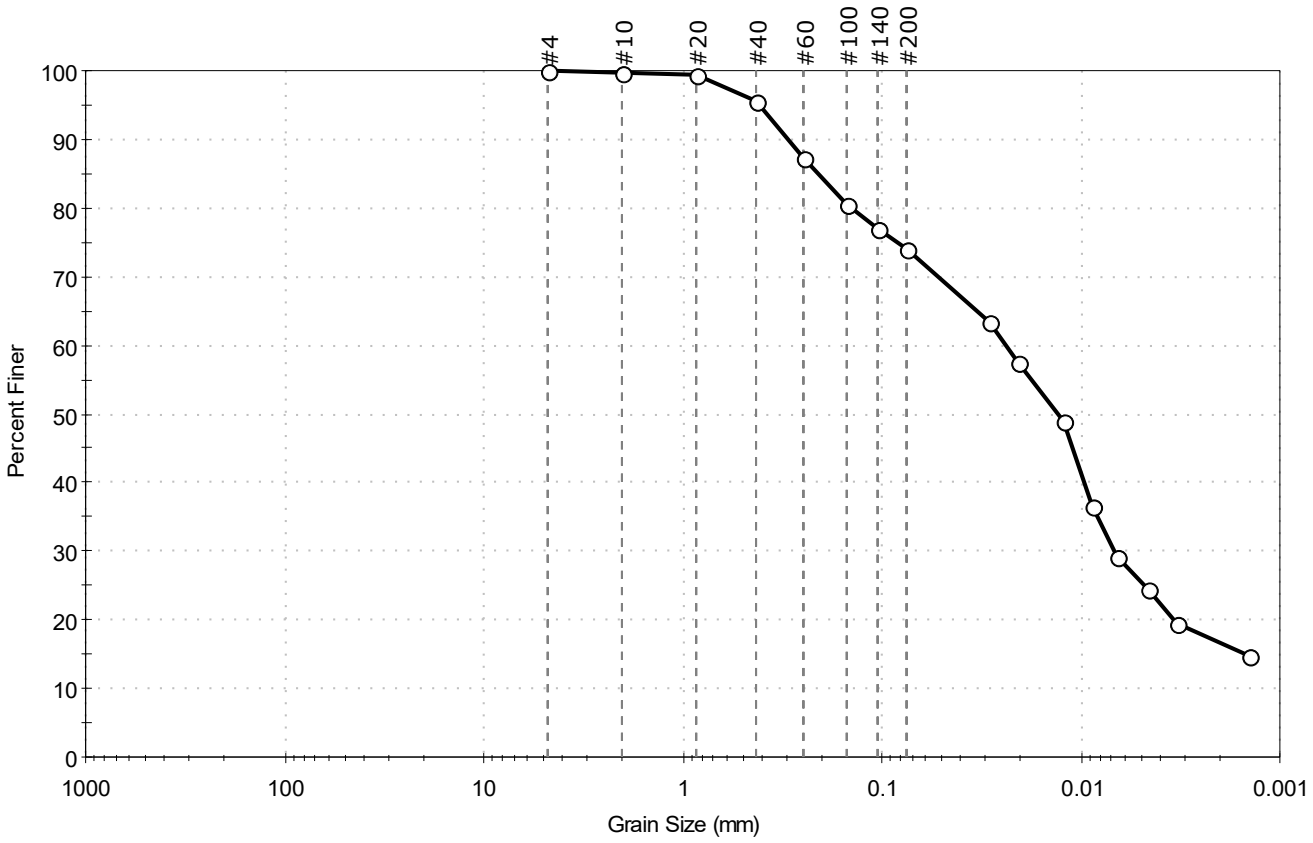
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	026SC-B-08-10-201106	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595309		

Test Comment: ---
Visual Description: Wet, very dark gray silt with sand
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	26.1	73.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	96		
#60	0.25	87		
#100	0.15	81		
#140	0.11	77		
#200	0.075	74		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0287	64		
---	0.0209	57		
---	0.0124	49		
---	0.0088	37		
---	0.0065	29		
---	0.0047	24		
---	0.0033	20		
---	0.0014	15		

Coefficients

D_{85} = 0.2102 mm D_{30} = 0.0067 mm
D_{60} = 0.0239 mm D_{15} = 0.0015 mm
D_{50} = 0.0133 mm D_{10} = N/A
C_u = N/A C_c = N/A

Classification

ASTM Elastic SILT with Sand (MH)

AASHTO Clayey Soils (A-7-5 (20))

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

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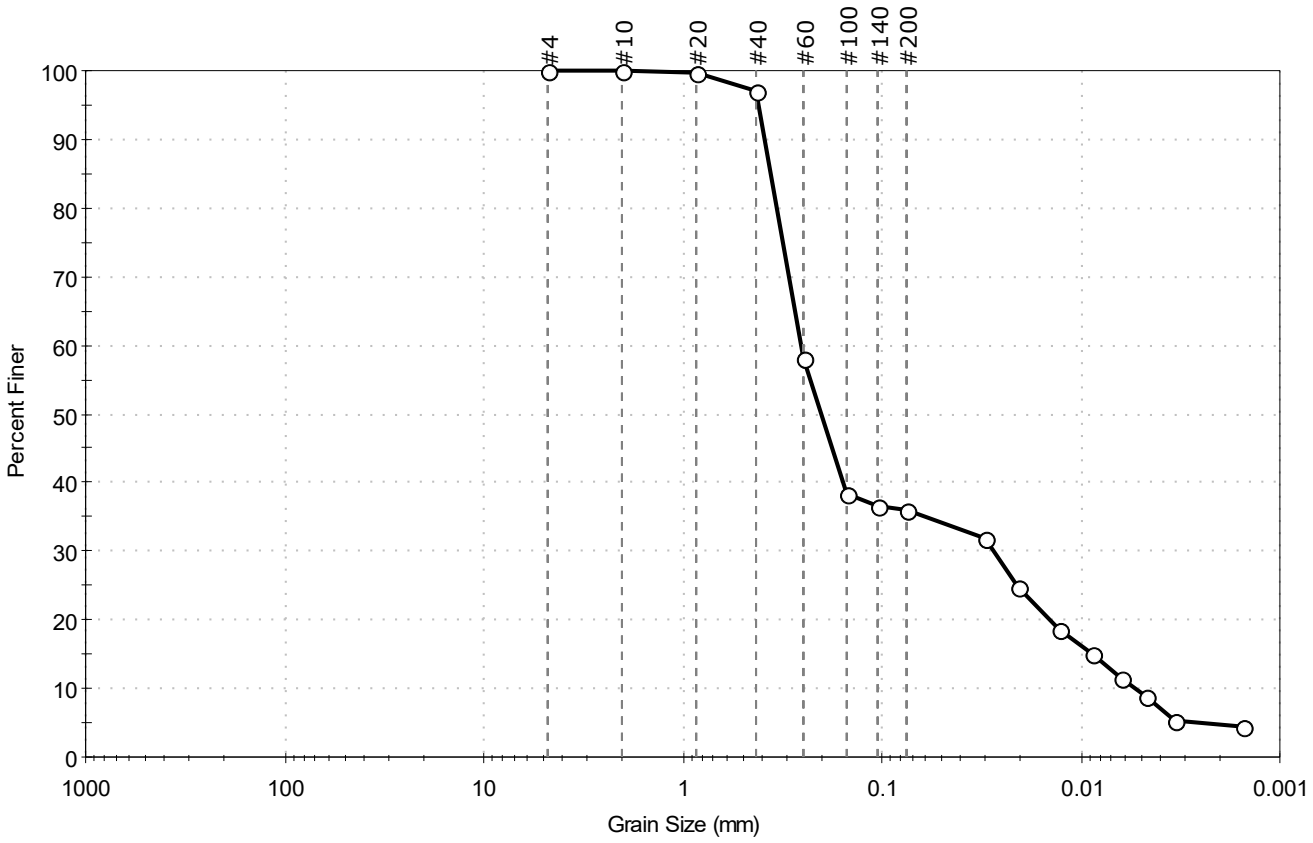
Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	027SC-B-14-16-201106	Test Date:	01/09/21	Checked By:	emm
Depth :	---	Test Id:	595310		
Test Comment:	---				
Visual Description:	Wet, dark olive gray silty sand				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	64.1	35.9

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	97		
#60	0.25	58		
#100	0.15	38		
#140	0.11	37		
#200	0.075	36		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0307	32		
---	0.0207	25		
---	0.0127	19		
---	0.0088	15		
---	0.0063	11		
---	0.0048	9		
---	0.0034	5		
---	0.0015	4		

Coefficients

D_{85} =0.3604 mm	D_{30} =0.0277 mm
D_{60} =0.2564 mm	D_{15} =0.0088 mm
D_{50} =0.2028 mm	D_{10} =0.0054 mm
C_u =47.481	C_c =0.554

Classification

ASTM Silty SAND (SM)

AASHTO Silty Soils (A-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

Dispersion Device : Apparatus A - Mech Mixer

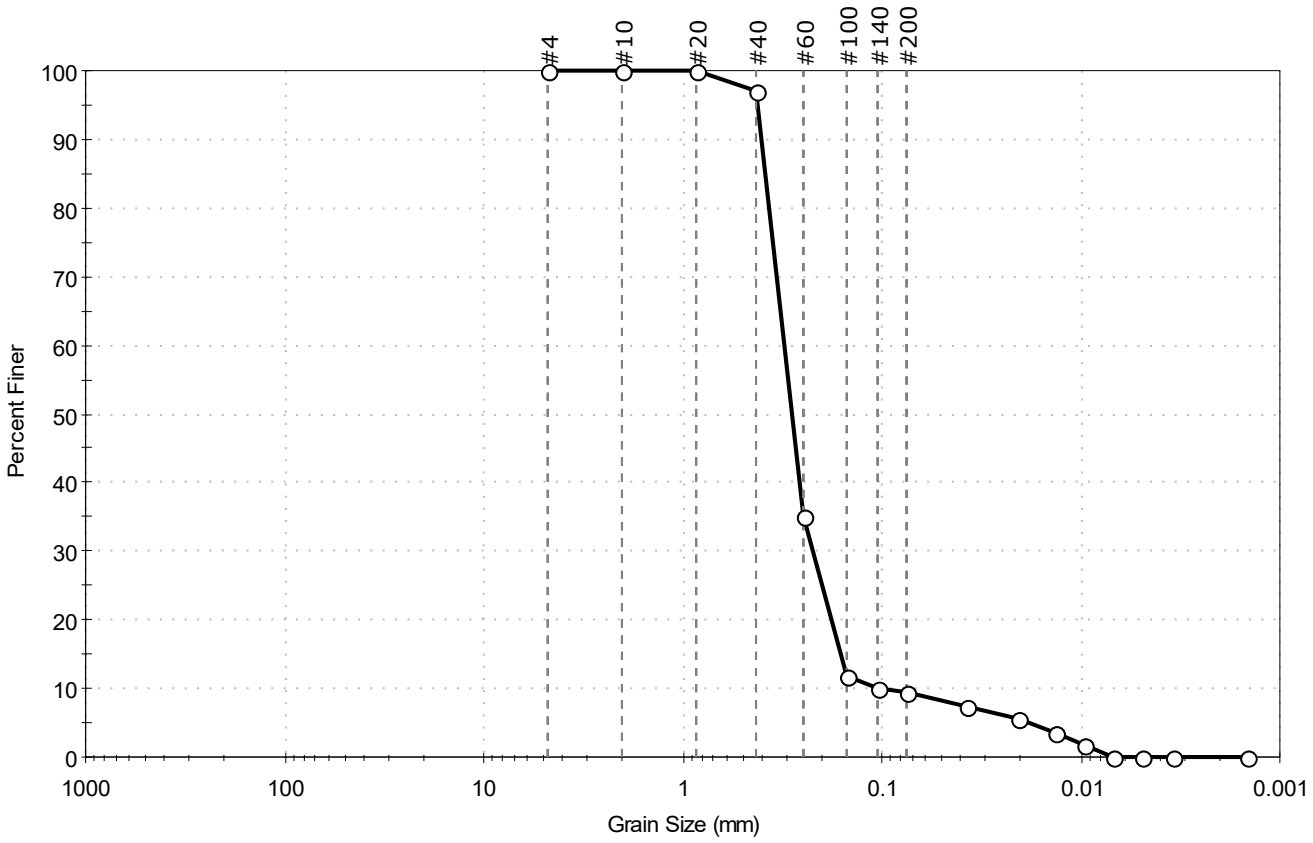
Dispersion Period : 1 minute

Est. Specific Gravity : 2.65

Separation of Sample: #200 Sieve

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	034SC-B-10-12-201106	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595311		
Test Comment:	---				
Visual Description:	Moist, dark olive gray sand with silt				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	90.7	9.3

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	97		
#60	0.25	35		
#100	0.15	12		
#140	0.11	10		
#200	0.075	9.3		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0377	7		
---	0.0207	6		
---	0.0133	4		
---	0.0096	2		
---	0.0069	0		
---	0.0049	0		
---	0.0035	0		
---	0.0015	0		

Coefficients

D_{85} = 0.3830 mm	D_{30} = 0.2236 mm
D_{60} = 0.3093 mm	D_{15} = 0.1610 mm
D_{50} = 0.2840 mm	D_{10} = 0.1046 mm
C_u = 2.957	C_c = 1.545

Classification

ASTM Poorly graded SAND with Silt (SP-SM)

AASHTO Fine Sand (A-3 (1))

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

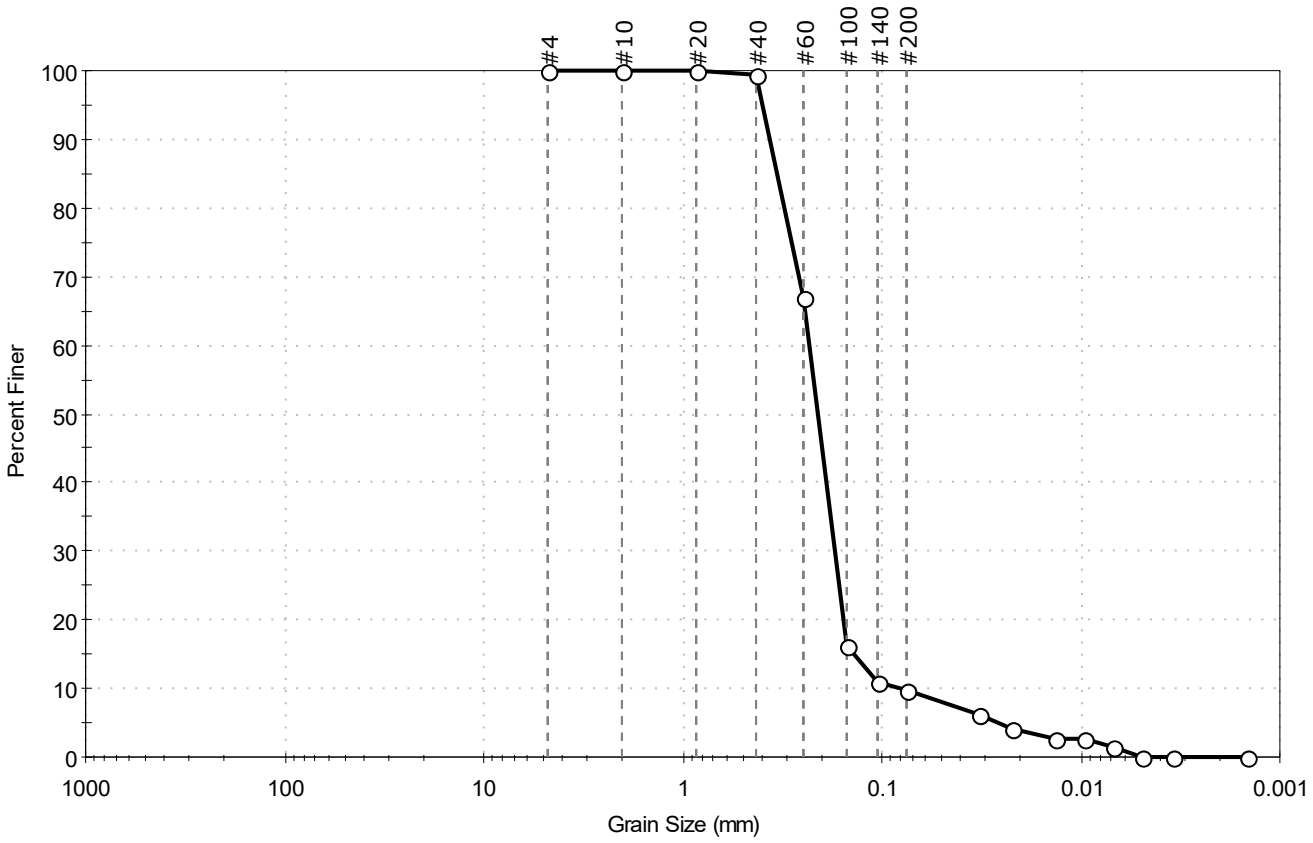
Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	021SC-B-08-10-201107	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595312		

Test Comment: ---
Visual Description: Moist, dark olive gray sand with silt
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	90.4	9.6

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	67		
#100	0.15	16		
#140	0.11	11		
#200	0.075	9.6		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0322	6		
---	0.0222	4		
---	0.0136	3		
---	0.0097	3		
---	0.0069	1		
---	0.0049	0		
---	0.0035	0		
---	0.0015	0		

Coefficients

D_{85} = 0.3361 mm	D_{30} = 0.1722 mm
D_{60} = 0.2332 mm	D_{15} = 0.1377 mm
D_{50} = 0.2108 mm	D_{10} = 0.0830 mm
C_u = 2.810	C_c = 1.532

Classification

ASTM Poorly graded SAND with Silt (SP-SM)

AASHTO Fine Sand (A-3 (1))

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

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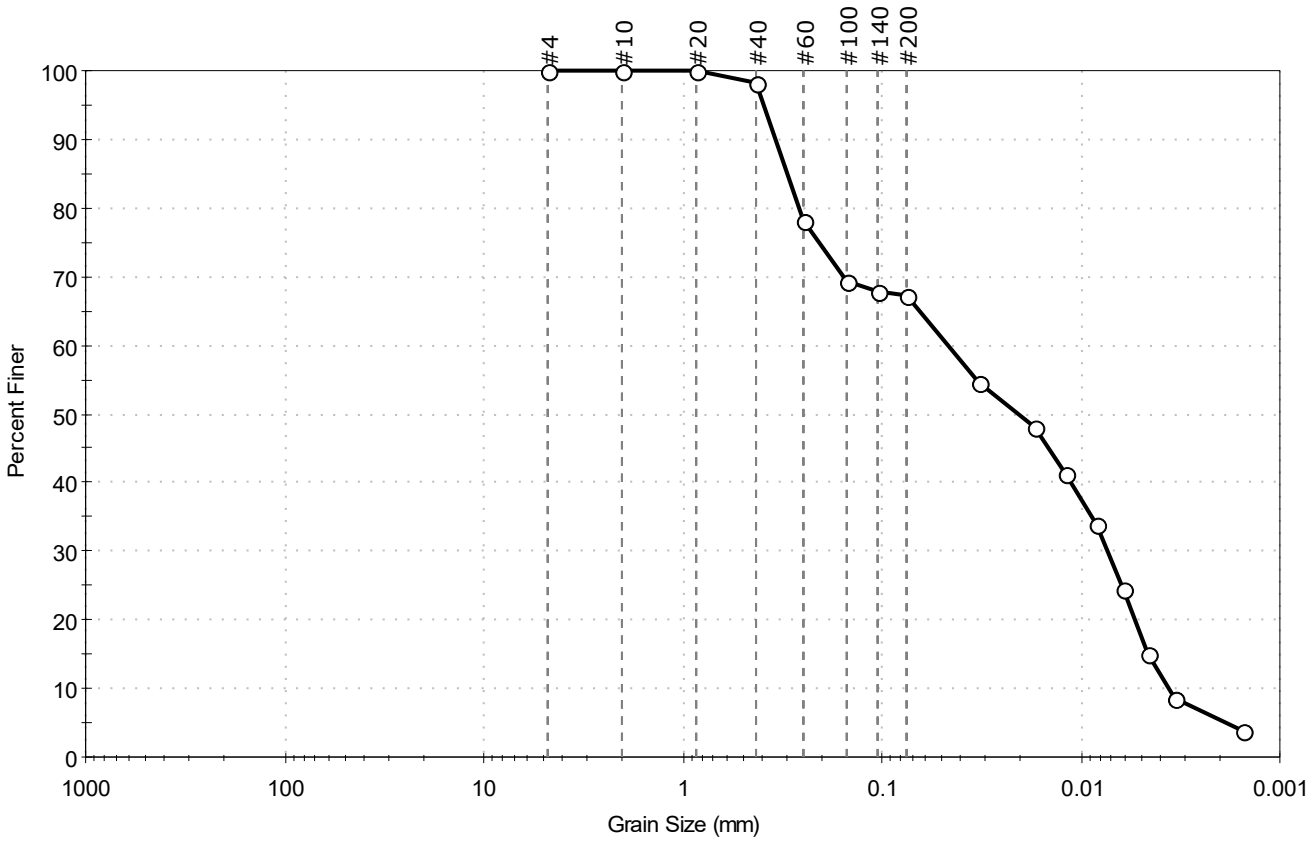
GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	023SC-B-06-08-201107	Test Date:	01/09/21	Checked By:	emm
Depth :	---	Test Id:	595313		
Test Comment:	---				
Visual Description:	Wet, very dark grayish brown sandy silt				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	32.7	67.3

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	98		
#60	0.25	78		
#100	0.15	69		
#140	0.11	68		
#200	0.075	67		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0322	55		
---	0.0172	48		
---	0.0118	41		
---	0.0083	34		
---	0.0062	24		
---	0.0046	15		
---	0.0034	8		
---	0.0015	4		

Coefficients

D_{85} =0.2998 mm	D_{30} =0.0074 mm
D_{60} =0.0461 mm	D_{15} =0.0046 mm
D_{50} =0.0208 mm	D_{10} =0.0036 mm
C_u =12.806	C_c =0.330

Classification

ASTM Sandy SILT (ML)

AASHTO Silty Soils (A-4 (3))

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

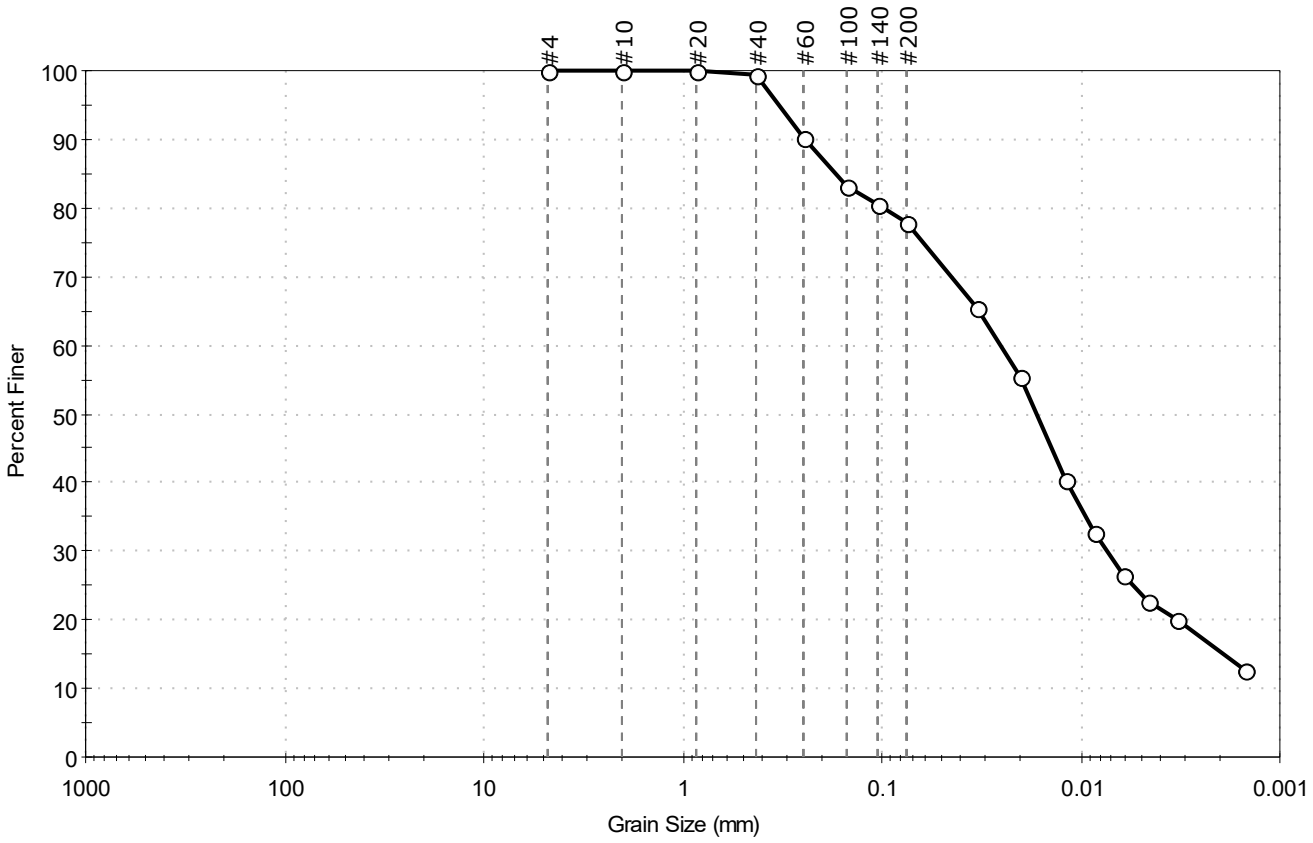
Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	056SC-B-04-06-201107	Test Date:	01/09/21	Checked By:	emm
Depth :	---	Test Id:	595314		

Test Comment: ---
Visual Description: Wet, very dark gray silt with sand
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	22.2	77.8

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	90		
#100	0.15	83		
#140	0.11	80		
#200	0.075	78		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0333	66		
---	0.0204	55		
---	0.0120	40		
---	0.0086	33		
---	0.0061	26		
---	0.0046	23		
---	0.0033	20		
---	0.0015	13		

Coefficients

D_{85} = 0.1700 mm
D_{30} = 0.0074 mm
D_{60} = 0.0254 mm
D_{15} = 0.0019 mm
D_{50} = 0.0168 mm
D_{10} = N/A
C_u = N/A
C_c = N/A

Classification

ASTM Elastic SILT with Sand (MH)

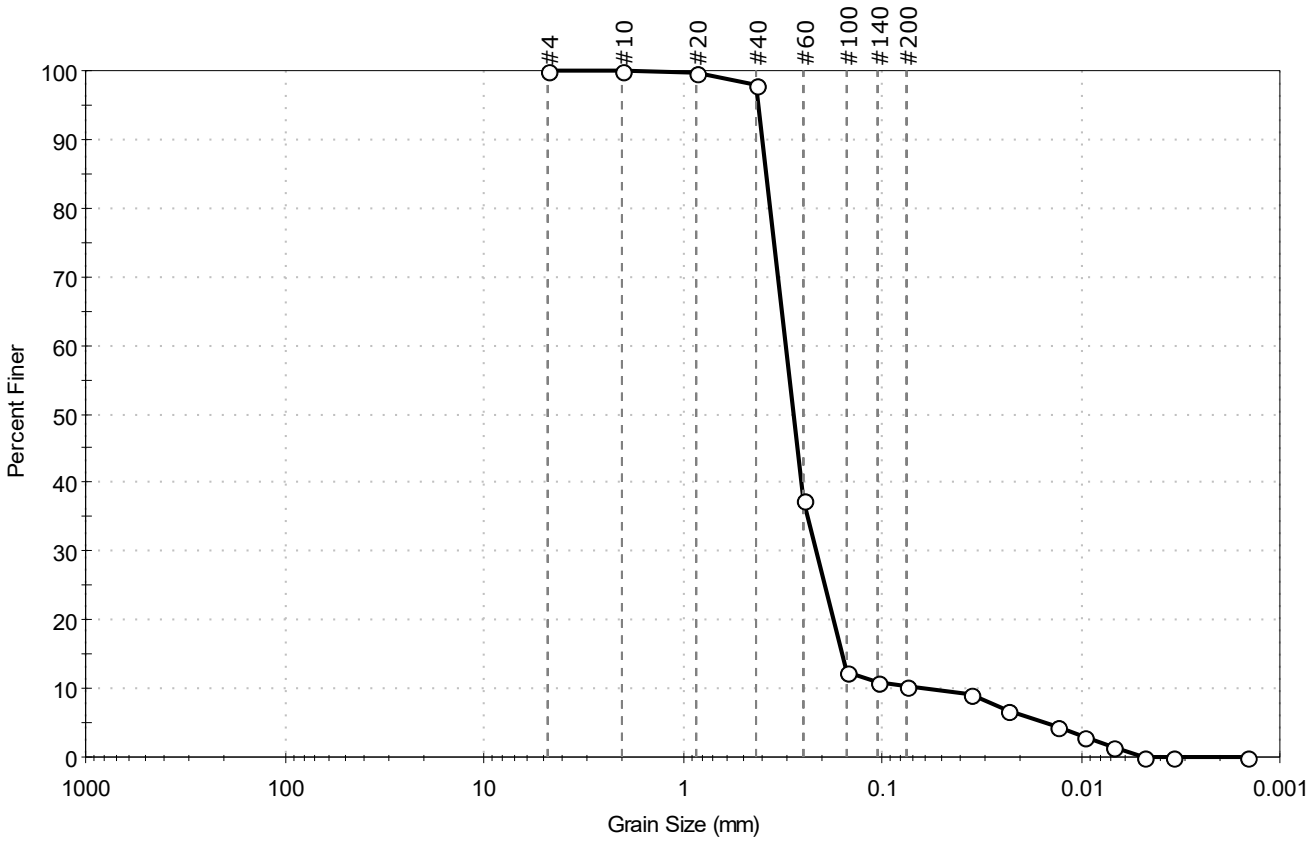
AASHTO Clayey Soils (A-7-5 (30))

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 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	013SC-B-08-10-201108	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595315		
Test Comment:	---				
Visual Description:	Moist, dark olive gray sand with silt				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	89.8	10.2

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	98		
#60	0.25	38		
#100	0.15	12		
#140	0.11	11		
#200	0.075	10		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0359	9		
---	0.0232	7		
---	0.0133	5		
---	0.0098	3		
---	0.0069	2		
---	0.0049	0		
---	0.0035	0		
---	0.0015	0		

Coefficients

D_{85} =0.3793 mm	D_{30} =0.2144 mm
D_{60} =0.3045 mm	D_{15} =0.1582 mm
D_{50} =0.2788 mm	D_{10} =0.0662 mm
C_u =4.600	C_c =2.280

Classification

ASTM Poorly graded SAND with Silt (SP-SM)

AASHTO Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

Dispersion Device : Apparatus A - Mech Mixer

Dispersion Period : 1 minute

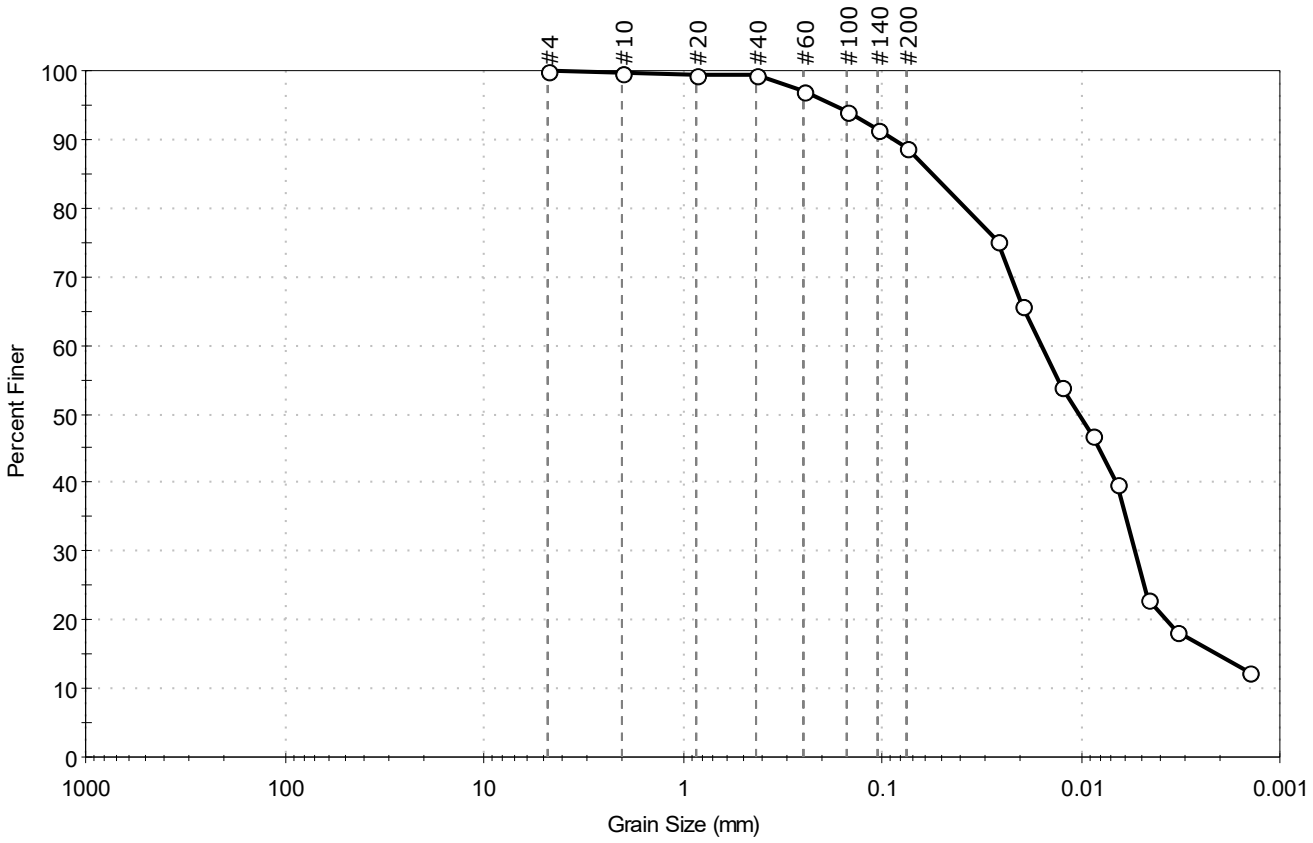
Est. Specific Gravity : 2.65

Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	018SC-B-06-08-201108	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595316		
Test Comment:	---				
Visual Description:	Moist, very dark gray silt				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	11.1	88.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	99		
#60	0.25	97		
#100	0.15	94		
#140	0.11	91		
#200	0.075	89		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0264	75		
---	0.0198	66		
---	0.0125	54		
---	0.0088	47		
---	0.0066	40		
---	0.0046	23		
---	0.0033	18		
---	0.0014	12		

Coefficients

D_{85} = 0.0558 mm	D_{30} = 0.0054 mm
D_{60} = 0.0158 mm	D_{15} = 0.0021 mm
D_{50} = 0.0102 mm	D_{10} = N/A
C_u = N/A	C_c = N/A

Classification

ASTM Elastic SILT (MH)

AASHTO Clayey Soils (A-7-5 (33))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

Dispersion Device : Apparatus A - Mech Mixer

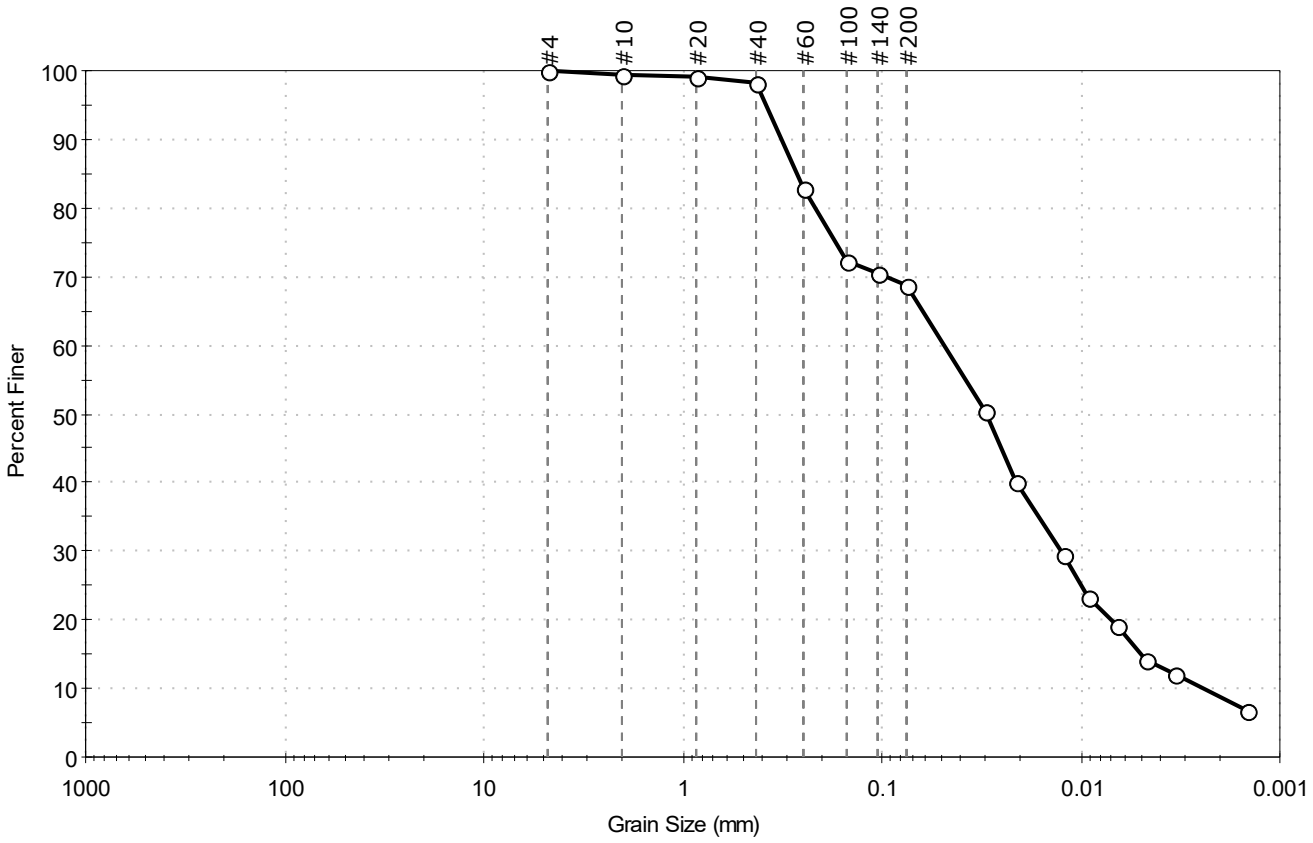
Dispersion Period : 1 minute

Est. Specific Gravity : 2.65

Separation of Sample: #200 Sieve

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	022SC-B-06-08-201108	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595317		
Test Comment:	---				
Visual Description:	Moist, dark olive gray sandy silt				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	31.1	68.9

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	99		
#20	0.85	99		
#40	0.42	98		
#60	0.25	83		
#100	0.15	72		
#140	0.11	70		
#200	0.075	69		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0303	50		
---	0.0212	40		
---	0.0122	30		
---	0.0092	23		
---	0.0065	19		
---	0.0047	14		
---	0.0034	12		
---	0.0015	7		

Coefficients

D_{85} =0.2700 mm	D_{30} =0.0124 mm
D_{60} =0.0486 mm	D_{15} =0.0050 mm
D_{50} =0.0299 mm	D_{10} =0.0024 mm
C_u =20.250	C_c =1.318

Classification

ASTM Sandy Elastic SILT (MH)

AASHTO Clayey Soils (A-7-5 (12))

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

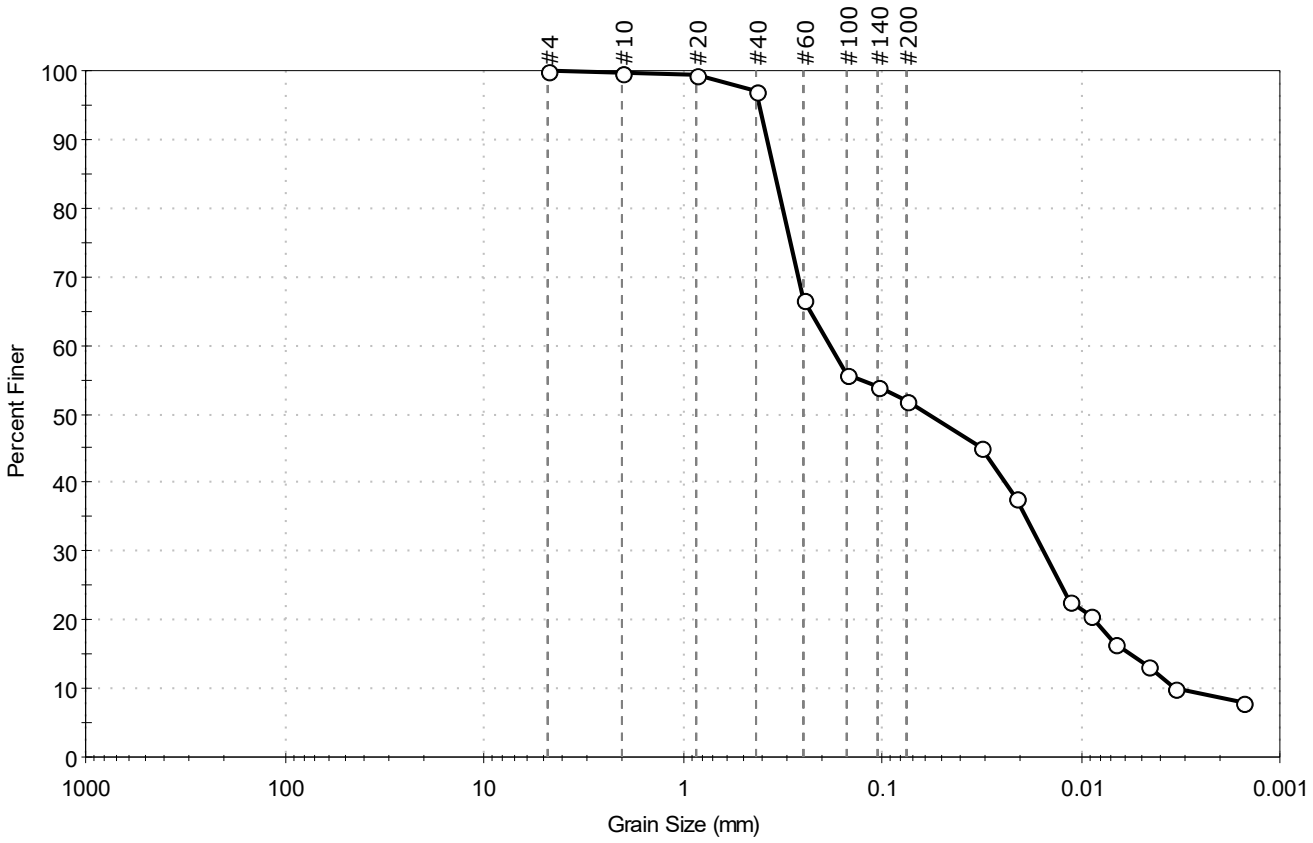
Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	012SC-D-00-02-201109	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595318		

Test Comment: ---
Visual Description: Wet, very dark grayish brown sandy silt
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	48.2	51.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	97		
#60	0.25	67		
#100	0.15	56		
#140	0.11	54		
#200	0.075	52		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0314	45		
---	0.0212	38		
---	0.0113	23		
---	0.0090	21		
---	0.0067	16		
---	0.0046	13		
---	0.0034	10		
---	0.0015	8		

Coefficients

D_{85} = 0.3447 mm D_{30} = 0.0153 mm
D_{60} = 0.1835 mm D_{15} = 0.0056 mm
D_{50} = 0.0593 mm D_{10} = 0.0032 mm
C_u = 57.344 C_c = 0.399

Classification

ASTM Sandy SILT (ML)

AASHTO Silty Soils (A-4 (3))

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

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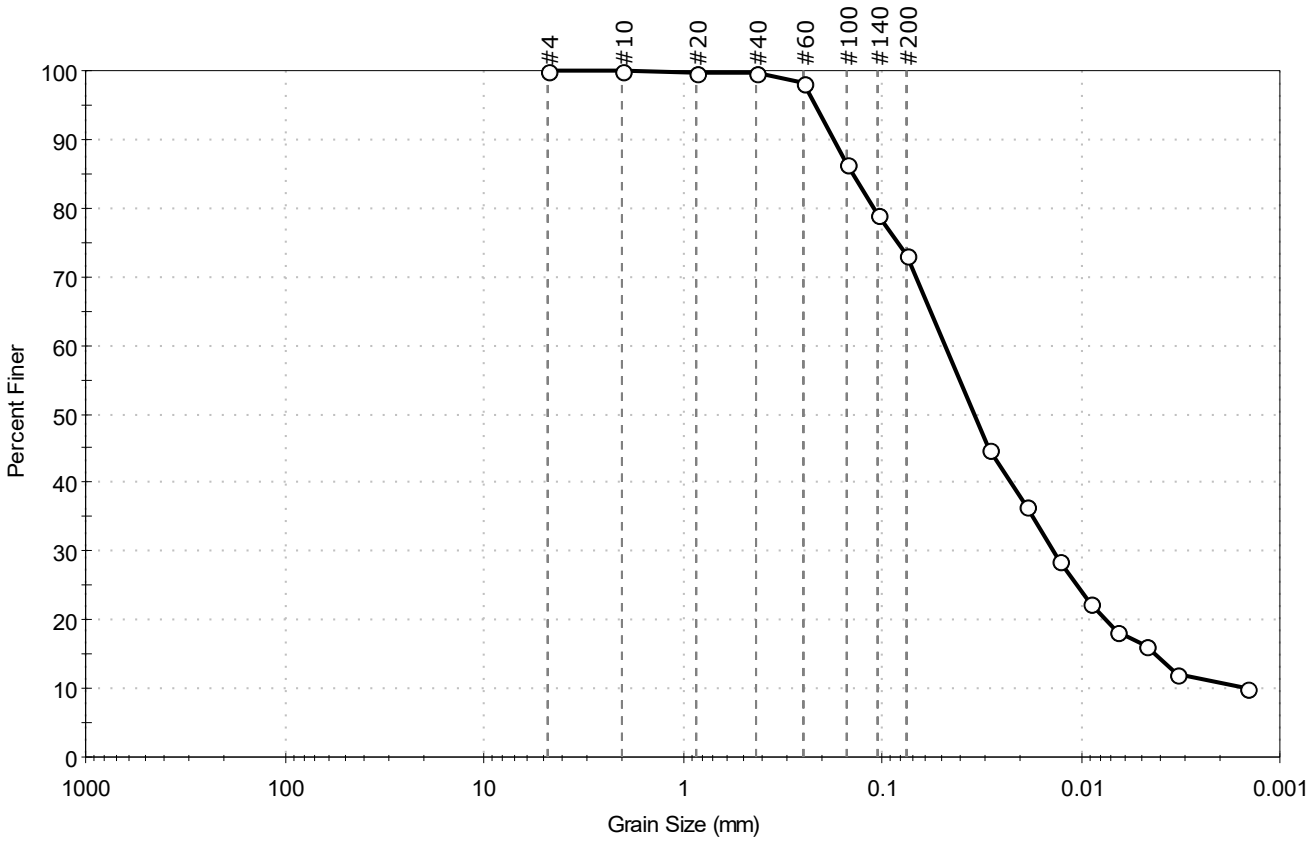
GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	014SC-B-14-16-201109	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595319		

Test Comment: ---
Visual Description: Moist, very dark gray silt with sand
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	26.8	73.2

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	100		
#60	0.25	98		
#100	0.15	86		
#140	0.11	79		
#200	0.075	73		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0288	45		
---	0.0188	37		
---	0.0128	28		
---	0.0090	22		
---	0.0066	18		
---	0.0047	16		
---	0.0033	12		
---	0.0015	10		

Coefficients

D_{85} = 0.1401 mm
D_{30} = 0.0137 mm
D_{60} = 0.0481 mm
D_{15} = 0.0042 mm
D_{50} = 0.0343 mm
D_{10} = N/A
C_u = N/A
C_c = N/A

Classification

ASTM SILT with Sand (ML)

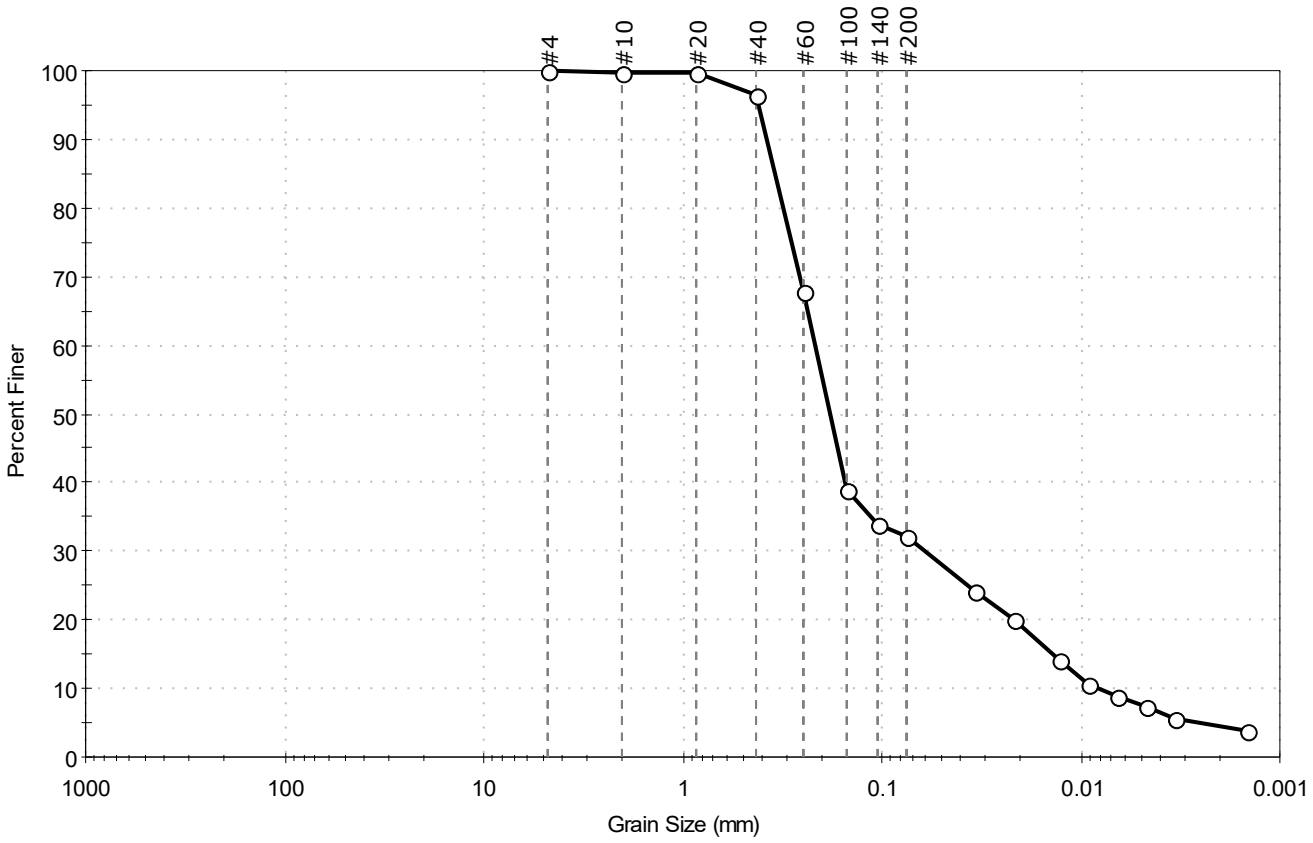
AASHTO Silty Soils (A-5 (8))

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 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	057SC-B-04-06-201109	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595320		
Test Comment:	---				
Visual Description:	Moist, dark olive brown silty sand				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	67.9	32.1

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	97		
#60	0.25	68		
#100	0.15	39		
#140	0.11	34		
#200	0.075	32		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0338	24		
---	0.0217	20		
---	0.0129	14		
---	0.0092	11		
---	0.0067	9		
---	0.0047	7		
---	0.0034	6		
---	0.0015	4		

Coefficients

D_{85} =0.3436 mm	D_{30} =0.0606 mm
D_{60} =0.2178 mm	D_{15} =0.0141 mm
D_{50} =0.1825 mm	D_{10} =0.0081 mm
C_u =26.889	C_c =2.082

Classification

ASTM Silty SAND (SM)

AASHTO Silty Gravel and Sand (A-2-4 (0))

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

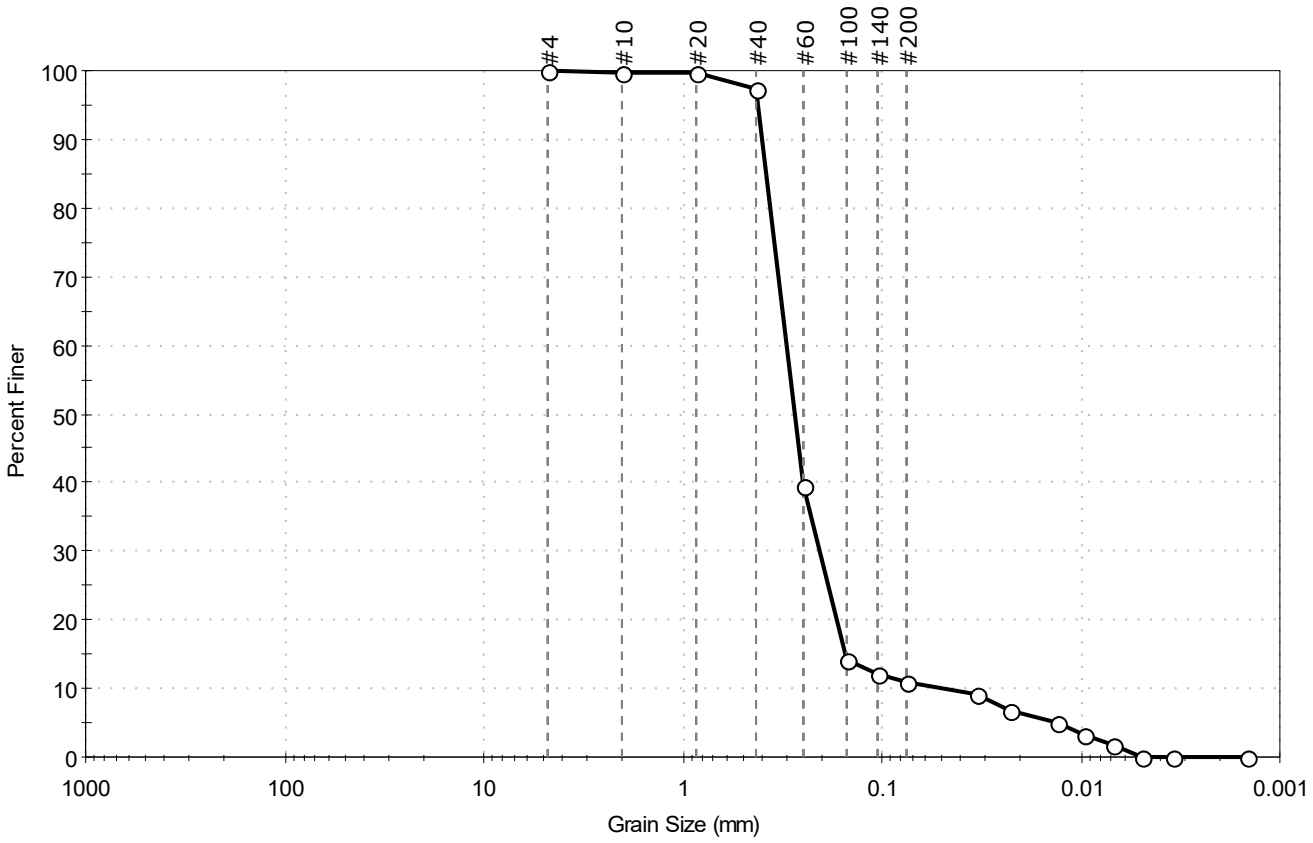
Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	003SC-B-04-06-201110	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595321		

Test Comment: ---
Visual Description: Moist, dark olive gray sand with silt
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	89.0	11.0

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	97		
#60	0.25	39		
#100	0.15	14		
#140	0.11	12		
#200	0.075	11		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0337	9		
---	0.0230	7		
---	0.0131	5		
---	0.0096	3		
---	0.0069	2		
---	0.0049	0		
---	0.0034	0		
---	0.0015	0		

Coefficients

D_{85} = 0.3795 mm D_{30} = 0.2067 mm
D_{60} = 0.3018 mm D_{15} = 0.1527 mm
D_{50} = 0.2754 mm D_{10} = 0.0466 mm
C_u = 6.476 C_c = 3.038

Classification

ASTM Poorly graded SAND with Silt (SP-SM)

AASHTO Silty Gravel and Sand (A-2-4 (0))

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

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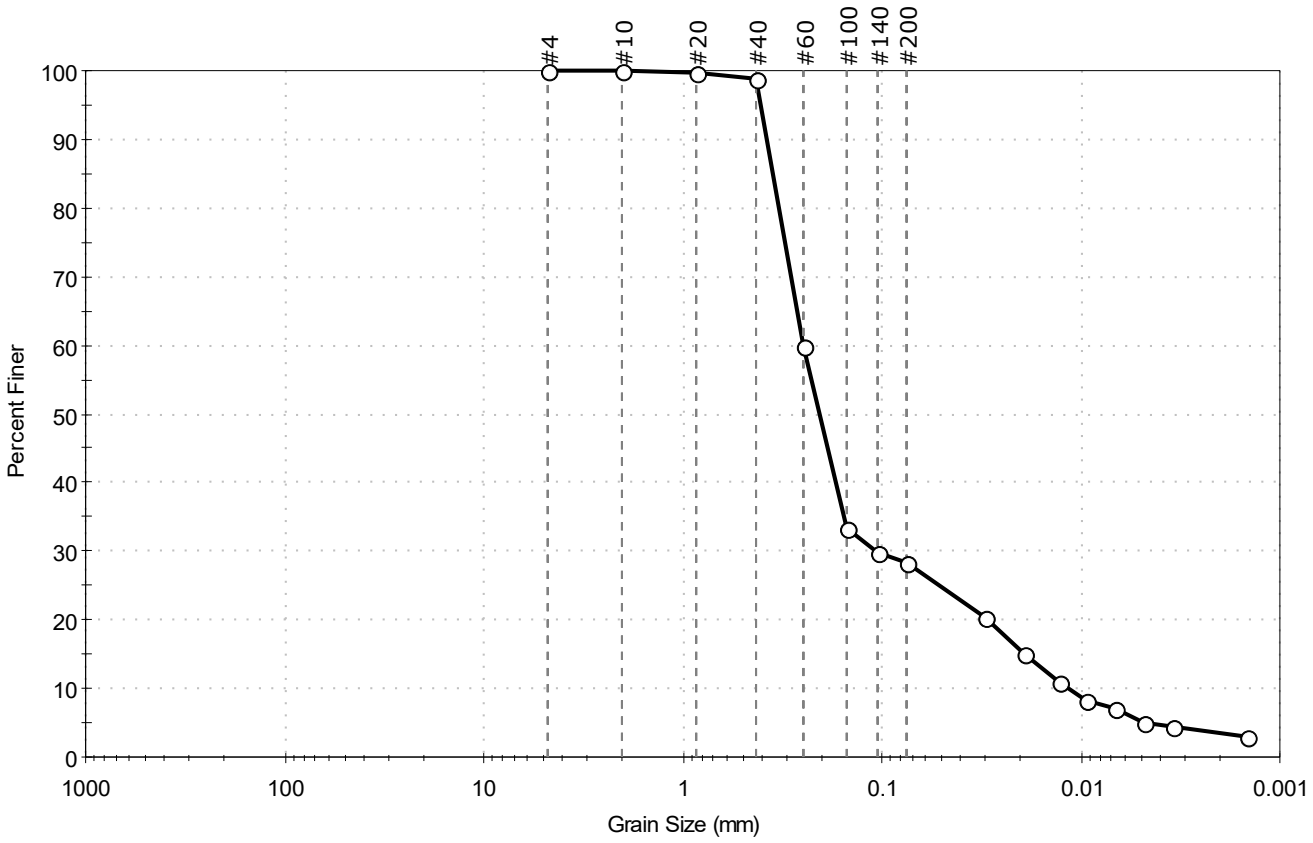
Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	006SC-D-04-06-201110	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595322		
Test Comment:	---				
Visual Description:	Moist, very dark grayish brown silty sand				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	71.8	28.2

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	60		
#100	0.15	33		
#140	0.11	30		
#200	0.075	28		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0303	20		
---	0.0195	15		
---	0.0127	11		
---	0.0094	8		
---	0.0068	7		
---	0.0048	5		
---	0.0034	4		
---	0.0015	3		

Coefficients

D_{85} =0.3523 mm	D_{30} =0.1079 mm
D_{60} =0.2502 mm	D_{15} =0.0195 mm
D_{50} =0.2066 mm	D_{10} =0.0114 mm
C_u =21.947	C_c =4.082

Classification

ASTM Silty SAND (SM)

AASHTO Silty Gravel and Sand (A-2-4 (0))

Sample/Test Description

Sand/Gravel Particle Shape : ---

Sand/Gravel Hardness : ---

Dispersion Device : Apparatus A - Mech Mixer

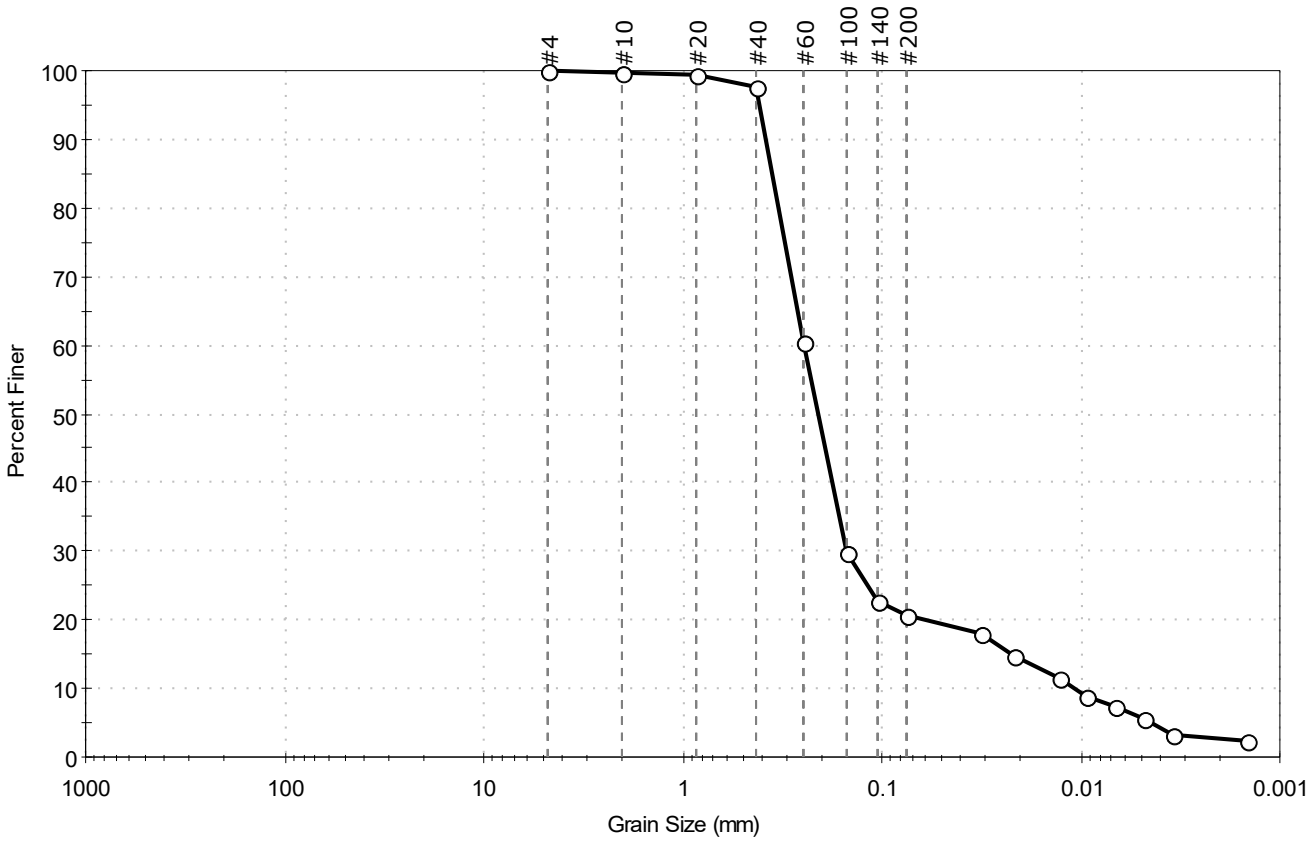
Dispersion Period : 1 minute

Est. Specific Gravity : 2.65

Separation of Sample: #200 Sieve

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	001SC-B-02-04-201111	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595323		
Test Comment:	---				
Visual Description:	Moist, dark olive brown silty sand				
Sample Comment:	---				

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	79.5	20.5

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	100		
#20	0.85	99		
#40	0.42	98		
#60	0.25	61		
#100	0.15	30		
#140	0.11	23		
#200	0.075	21		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0321	18		
---	0.0218	15		
---	0.0130	11		
---	0.0094	9		
---	0.0068	7		
---	0.0048	6		
---	0.0034	3		
---	0.0015	2		

Coefficients

D_{85} =0.3549 mm	D_{30} =0.1508 mm
D_{60} =0.2475 mm	D_{15} =0.0228 mm
D_{50} =0.2098 mm	D_{10} =0.0108 mm
C_u =22.917	C_c =8.508

Classification

ASTM Silty SAND (SM)

AASHTO Silty Gravel and Sand (A-2-4 (0))

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

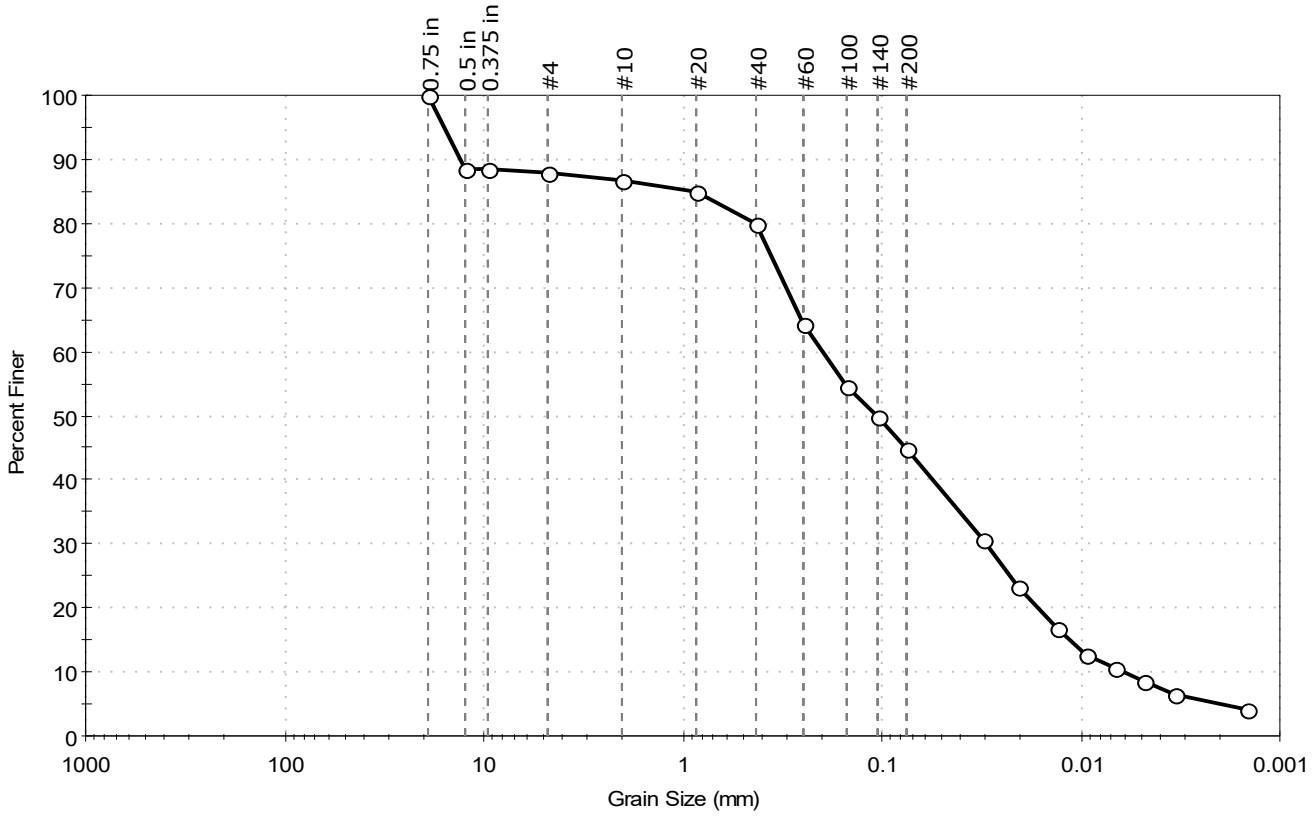
Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	002SC-B-04-06-201111	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595324		

Test Comment: ---
Visual Description: Moist, very dark gray silty sand
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
–	12.1	43.1	44.8

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
0.75 in	19.00	100		
0.5 in	12.50	88		
0.375 in	9.50	88		
#4	4.75	88		
#10	2.00	87		
#20	0.85	85		
#40	0.42	80		
#60	0.25	64		
#100	0.15	55		
#140	0.11	50		
#200	0.075	45		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0309	31		
---	0.0209	23		
---	0.0130	17		
---	0.0095	13		
---	0.0068	11		
---	0.0048	8		
---	0.0034	6		
---	0.0015	4		

Coefficients

D_{85} = 0.9010 mm D_{30} = 0.0298 mm
D_{60} = 0.1994 mm D_{15} = 0.0113 mm
D_{50} = 0.1080 mm D_{10} = 0.0062 mm
C_u = 32.161 C_c = 0.718

Classification

ASTM Silty SAND (SM)

AASHTO Clayey Soils (A-7-5 (3))

Sample/Test Description

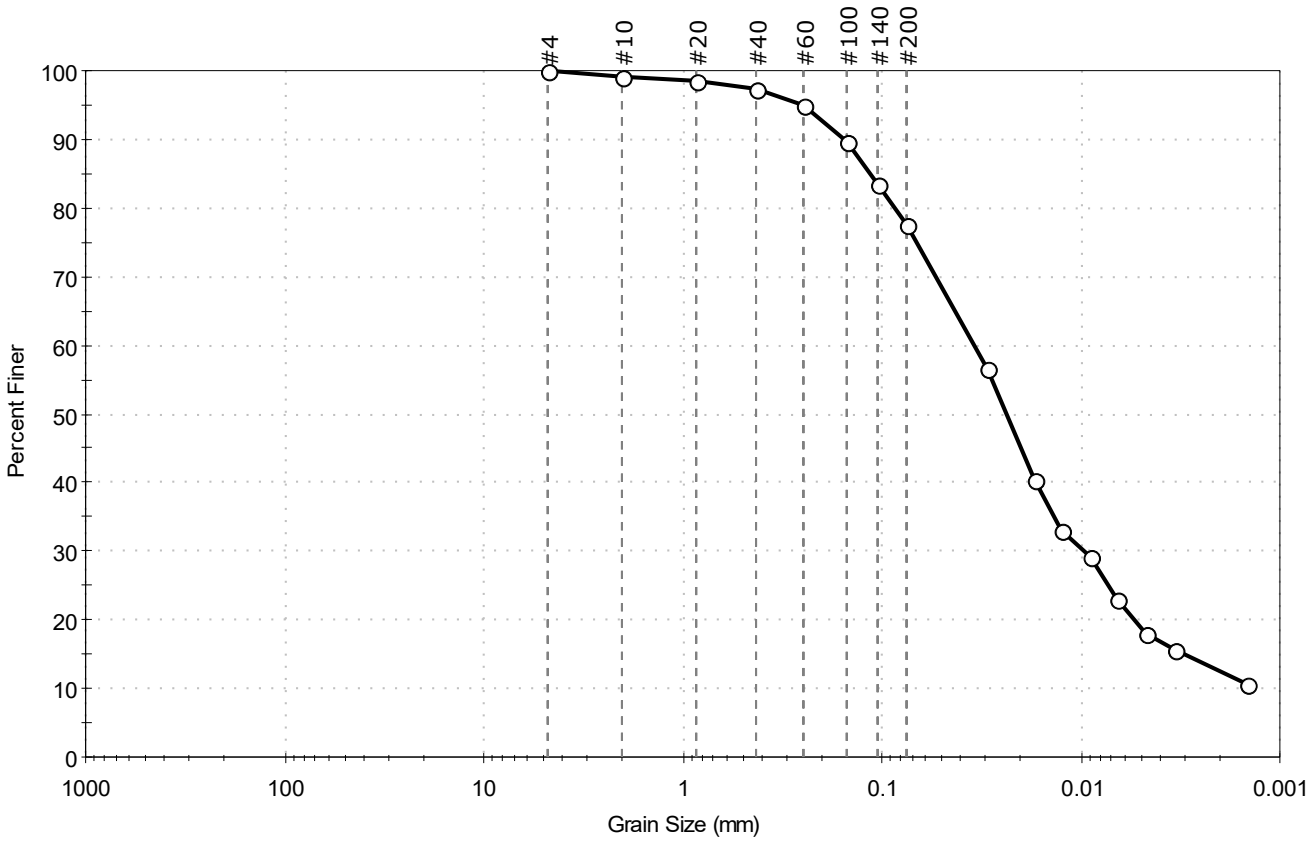
Sand/Gravel Particle Shape : ANGULAR
Sand/Gravel Hardness : HARD
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	004SC-B-04-06-201111	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595325		

Test Comment: ---
Visual Description: Wet, very dark gray silt with sand
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	22.4	77.6

Sieve Name	Sieve Size, mm	Percent Finer	Spec. Percent	Complies
#4	4.75	100		
#10	2.00	99		
#20	0.85	99		
#40	0.42	97		
#60	0.25	95		
#100	0.15	90		
#140	0.11	84		
#200	0.075	78		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0296	57		
---	0.0171	40		
---	0.0124	33		
---	0.0090	29		
---	0.0066	23		
---	0.0047	18		
---	0.0034	16		
---	0.0014	11		

Coefficients

D_{85} = 0.1150 mm D_{30} = 0.0095 mm
D_{60} = 0.0344 mm D_{15} = 0.0030 mm
D_{50} = 0.0236 mm D_{10} = N/A
C_u = N/A C_c = N/A

Classification

ASTM Elastic SILT with Sand (MH)

AASHTO Clayey Soils (A-7-5 (19))

Sample/Test Description

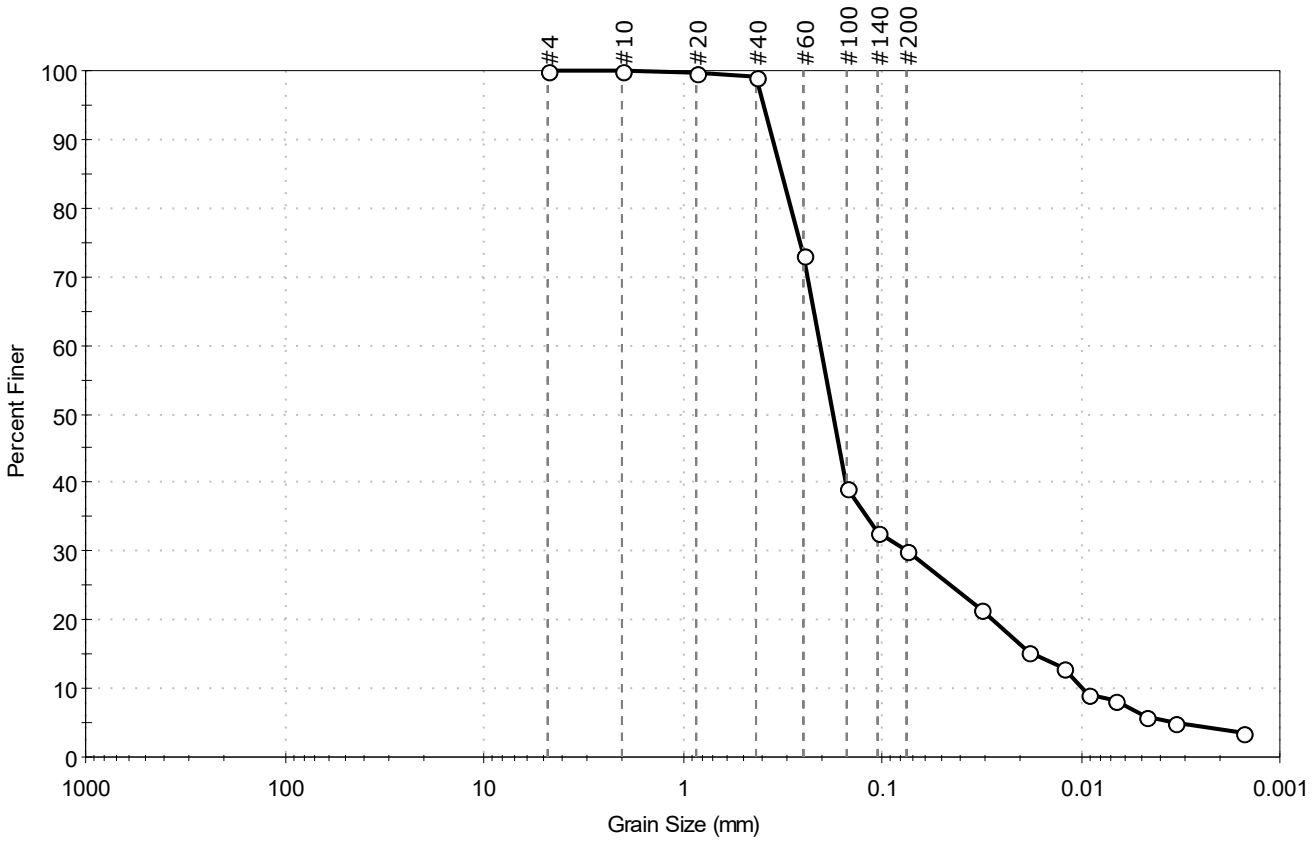
Sand/Gravel Particle Shape : ---
Sand/Gravel Hardness : ---
Dispersion Device : Apparatus A - Mech Mixer
Dispersion Period : 1 minute
Est. Specific Gravity : 2.65
Separation of Sample: #200 Sieve

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	011SC-D-08-10-201111	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595326		

Test Comment: ---
Visual Description: Moist, dark olive brown silty sand
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	70.0	30.0

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	73		
#100	0.15	39		
#140	0.11	33		
#200	0.075	30		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0318	22		
---	0.0182	15		
---	0.0123	13		
---	0.0092	9		
---	0.0067	8		
---	0.0048	6		
---	0.0034	5		
---	0.0016	4		

Coefficients

D_{85} = 0.3183 mm D_{30} = 0.0752 mm
D_{60} = 0.2051 mm D_{15} = 0.0174 mm
D_{50} = 0.1766 mm D_{10} = 0.0099 mm
C_u = 20.717 C_c = 2.785

Classification

ASTM Silty SAND (SM)

AASHTO Silty Gravel and Sand (A-2-4 (0))

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

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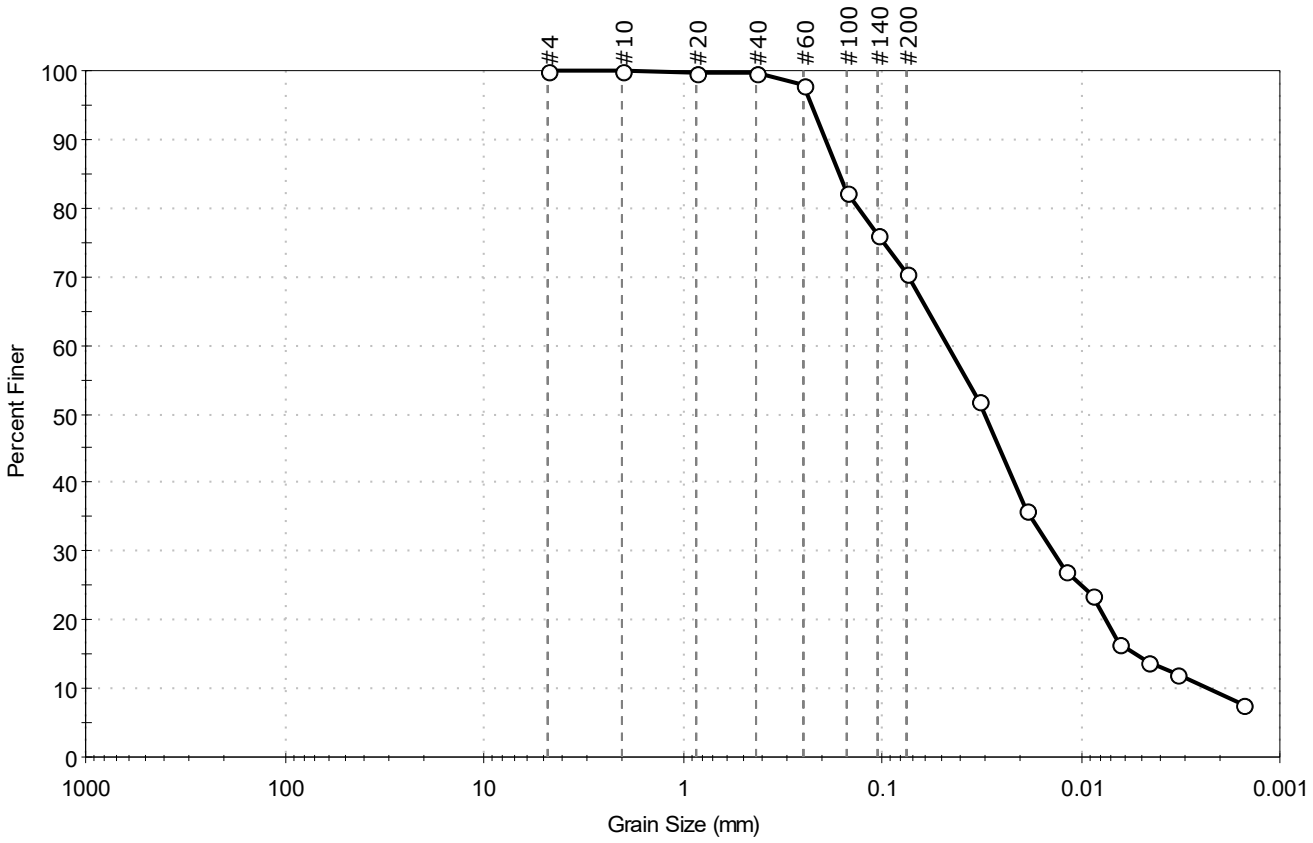
GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	ckg
Sample ID:	009SC-D-08-10-201112	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595327		

Test Comment: ---
Visual Description: Wet, very dark grayish brown silt with sand
Sample Comment: ---

Particle Size Analysis - ASTM D6913/D7928



% Cobble	% Gravel	% Sand	% Silt & Clay Size
—	0.0	29.4	70.6

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	100		
#60	0.25	98		
#100	0.15	82		
#140	0.11	76		
#200	0.075	71		
Hydrometer	Particle Size (mm)	Percent Finer	Spec. Percent	Complies
---	0.0323	52		
---	0.0186	36		
---	0.0120	27		
---	0.0088	24		
---	0.0064	17		
---	0.0046	14		
---	0.0033	12		
---	0.0015	8		

Coefficients

D_{85} =0.1632 mm	D_{30} =0.0138 mm
D_{60} =0.0464 mm	D_{15} =0.0053 mm
D_{50} =0.0301 mm	D_{10} =0.0023 mm
C_u =20.174	C_c =1.784

Classification

ASTM SILT with Sand (ML)

AASHTO Clayey Soils (A-7-5 (8))

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 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	046SC-B-5.8-7.8-201029	Test Date:	01/13/21	Checked By:	emm
Depth :	---	Test Id:	595268		
Test Comment:	---				
Visual Description:	Moist, dark olive gray silty sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

Sample Determined to be non-plastic

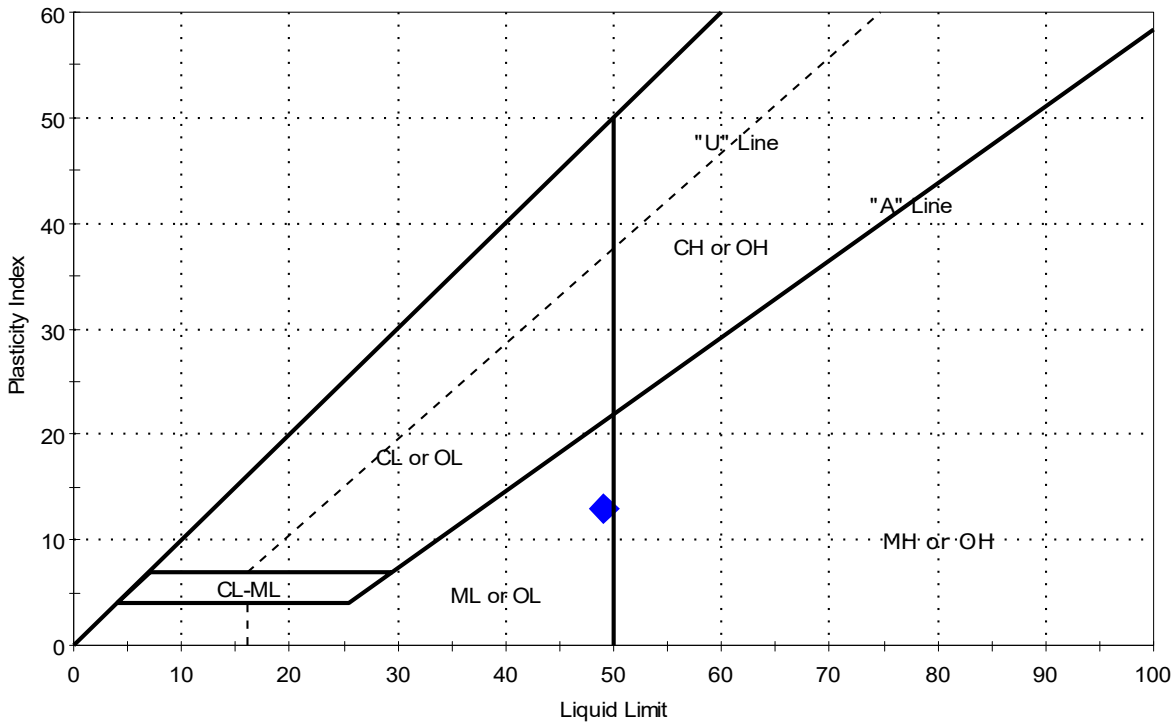
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	SC-B-5.8-7.8-201	USMPDI-	---	25	n/a	n/a	n/a	n/a	Silty SAND (SM)

3% Retained on #40 Sieve
Dry Strength: LOW
Dilatancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	054SC-D-04-06-201029	Test Date:	01/26/21	Checked By:	emm
Depth :	---	Test Id:	595269		
Test Comment:	---				
Visual Description:	Wet, dark olive gray sandy 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
◆	4SC-D-04-06-2010	USMPDI-	---	59	49	36	13	1.8	Sandy SILT (ML)

Sample Prepared using the WET method
14% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	045SC-B-06-08-201030	Test Date:	01/13/21	Checked By:	emm
Depth :	---	Test Id:	595270		
Test Comment:	---				
Visual Description:	Moist, dark brown silty sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

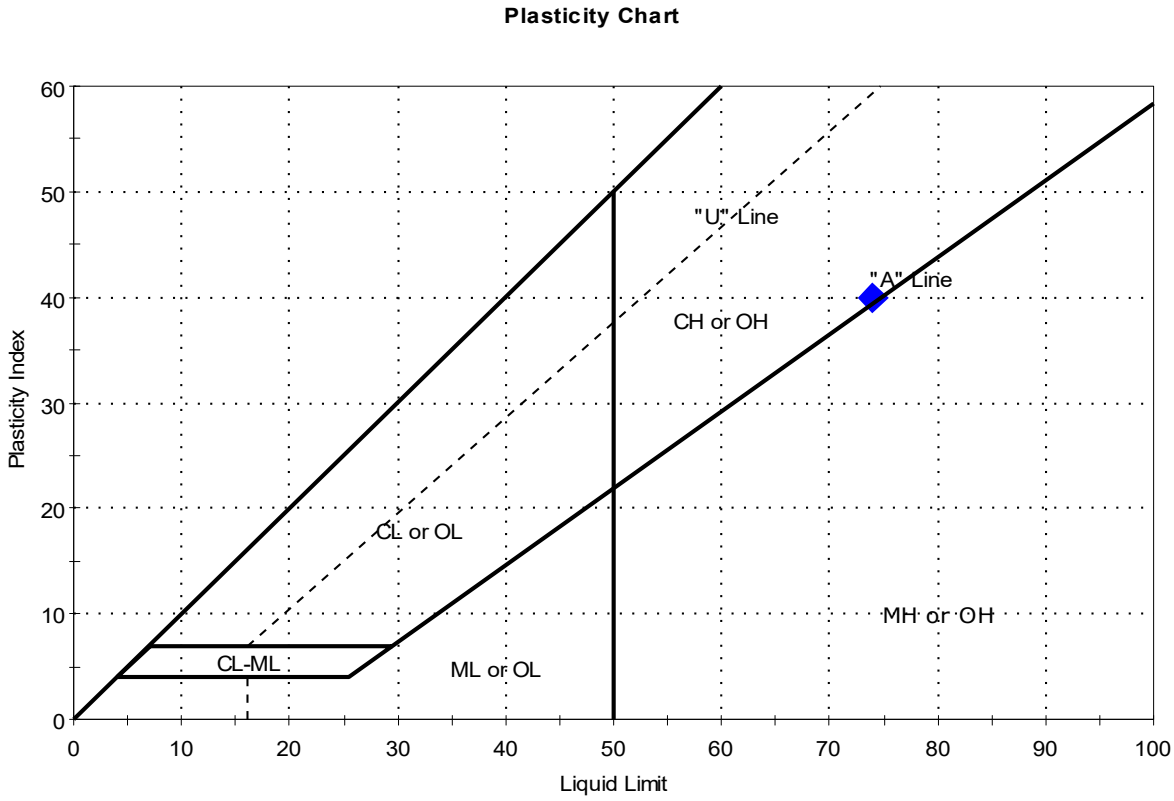
Sample Determined to be non-plastic

Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	5SC-B-06-08-2010	USMPDI-	---	28	n/a	n/a	n/a	n/a	Silty SAND (SM)

4% Retained on #40 Sieve
Dry Strength: LOW
Dilatancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	040SC-B-02-04-201103	Test Date:	02/01/21	Checked By:	emm
Depth :	---	Test Id:	609446		
Test Comment:	---				
Visual Description:	Moist, very dark grayish brown clay				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	0SC-B-02-04-2011	USMPDI-	---	77	74	34	40	1.1	Fat CLAY (CH)

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

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	048SC-B-14-16-201103	Test Date:	01/15/21	Checked By:	emm
Depth :	---	Test Id:	595272		
Test Comment:	---				
Visual Description:	Moist, dark olive gray silty sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

Sample Determined to be non-plastic

Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	8SC-B-14-16-2011	USMPDI-	---	37	n/a	n/a	n/a	n/a	Silty SAND (SM)

3% Retained on #40 Sieve
Dry Strength: LOW
Dilatancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	039SC-B-06-08-201104	Test Date:	01/12/21	Checked By:	emm
Depth :	---	Test Id:	595273		
Test Comment:	---				
Visual Description:	Moist, dark olive gray silty sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

Sample Determined to be non-plastic

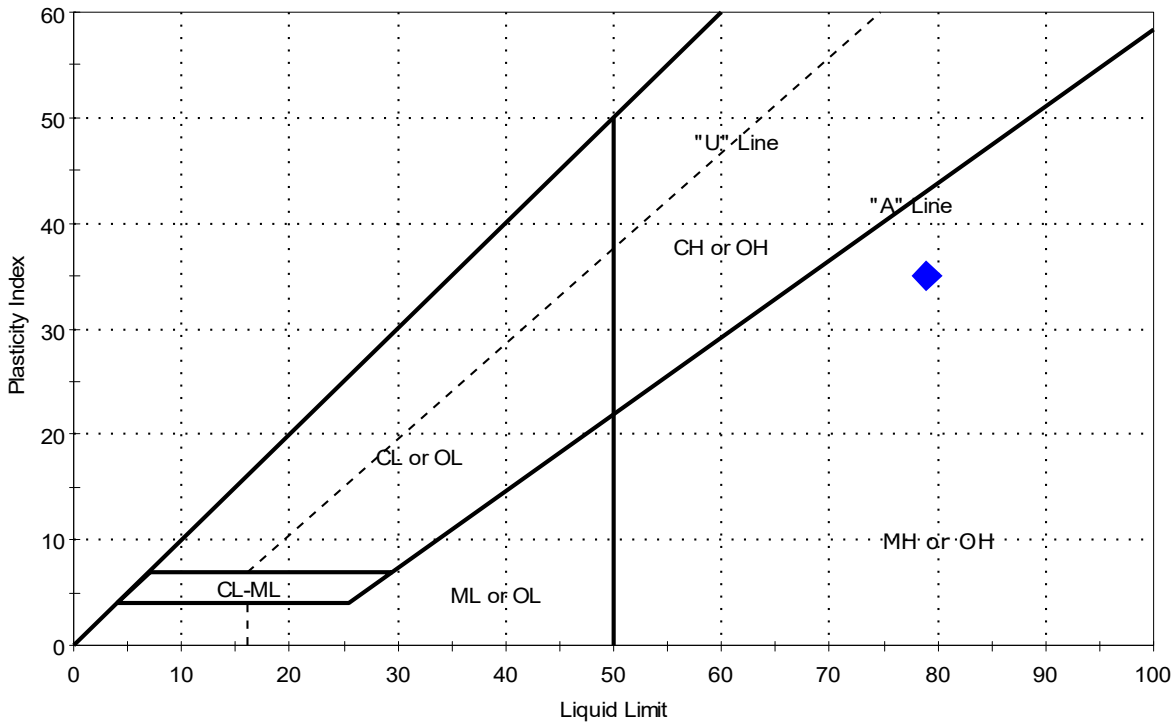
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	9SC-B-06-08-2011	USMPDI-	---	27	n/a	n/a	n/a	n/a	Silty SAND (SM)

5% Retained on #40 Sieve
Dry Strength: LOW
Dilatancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	044SC-B-08-10-201104	Test Date:	01/25/21	Checked By:	emm
Depth :	---	Test Id:	595274		
Test Comment:	---				
Visual Description:	Moist, dark grayish brown silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



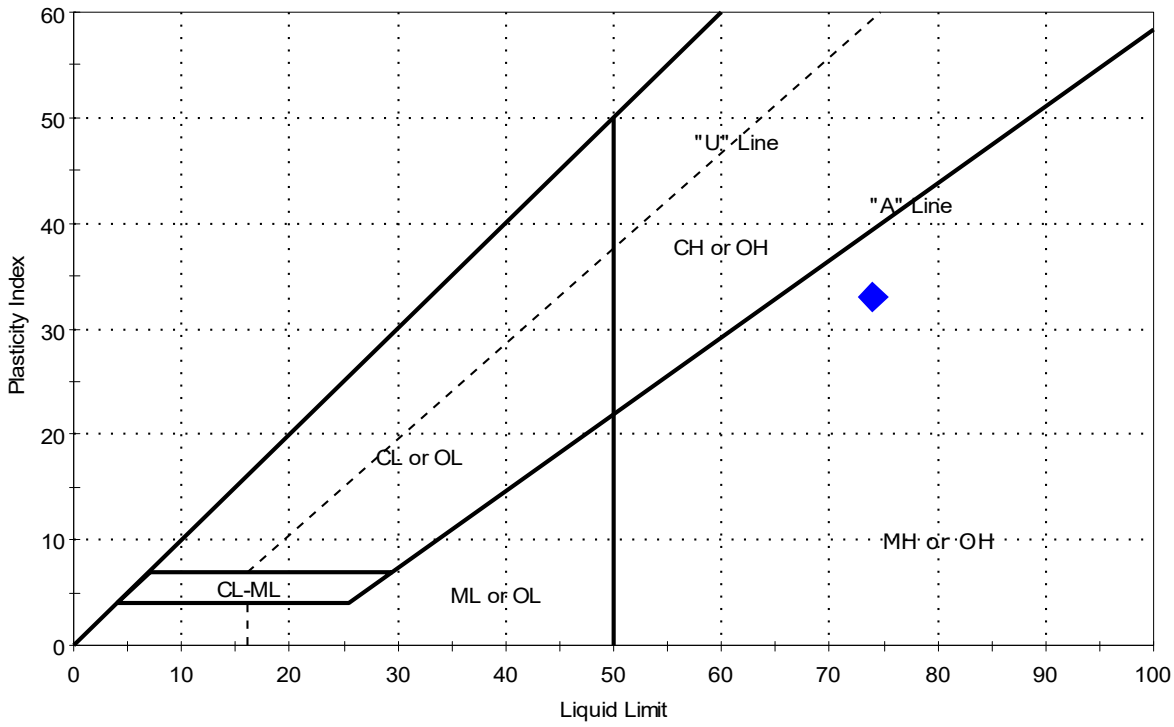
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	4SC-B-08-10-2011	USMPDI-	---	76	79	44	35	0.9	Elastic SILT (MH)

Sample Prepared using the WET method
0% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	049SC-B-10-12-201104	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595275		
Test Comment:	---				
Visual Description:	Moist, dark brown silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



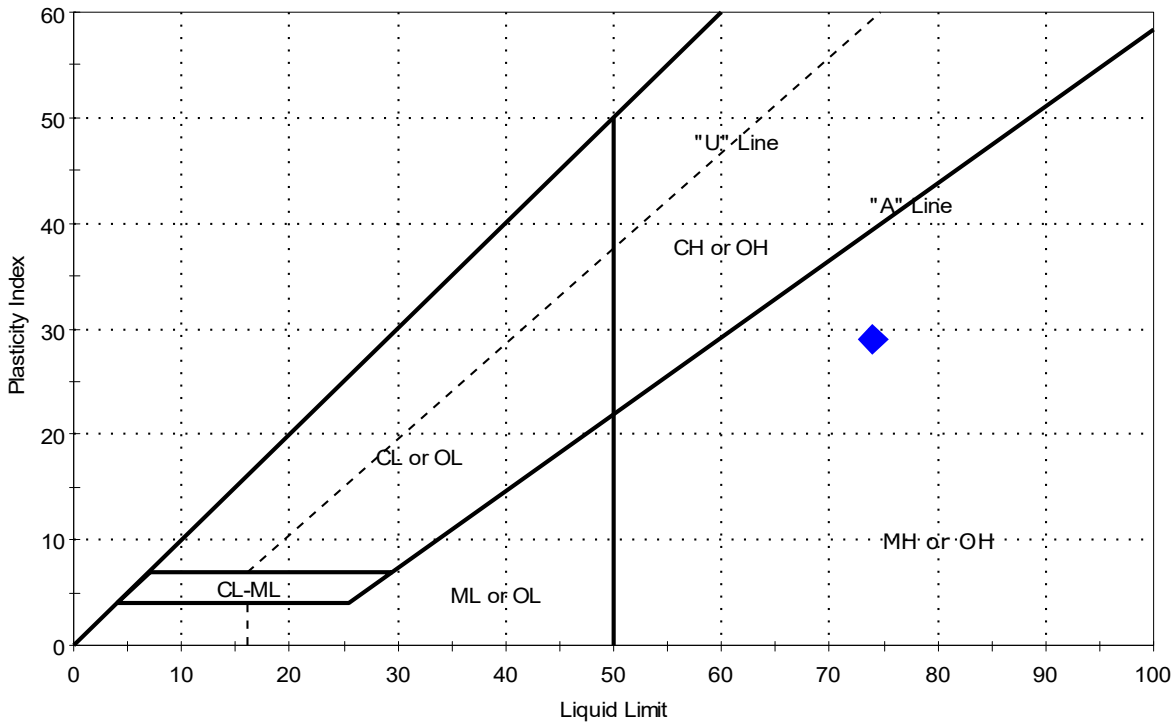
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	9SC-B-10-12-2011	USMPDI-	---	71	74	41	33	0.9	Elastic SILT (MH)

Sample Prepared using the WET method
2% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	042SC-B-02-04-201105	Test Date:	01/15/21	Checked By:	emm
Depth :	---	Test Id:	595276		
Test Comment:	---				
Visual Description:	Wet, very dark gray silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



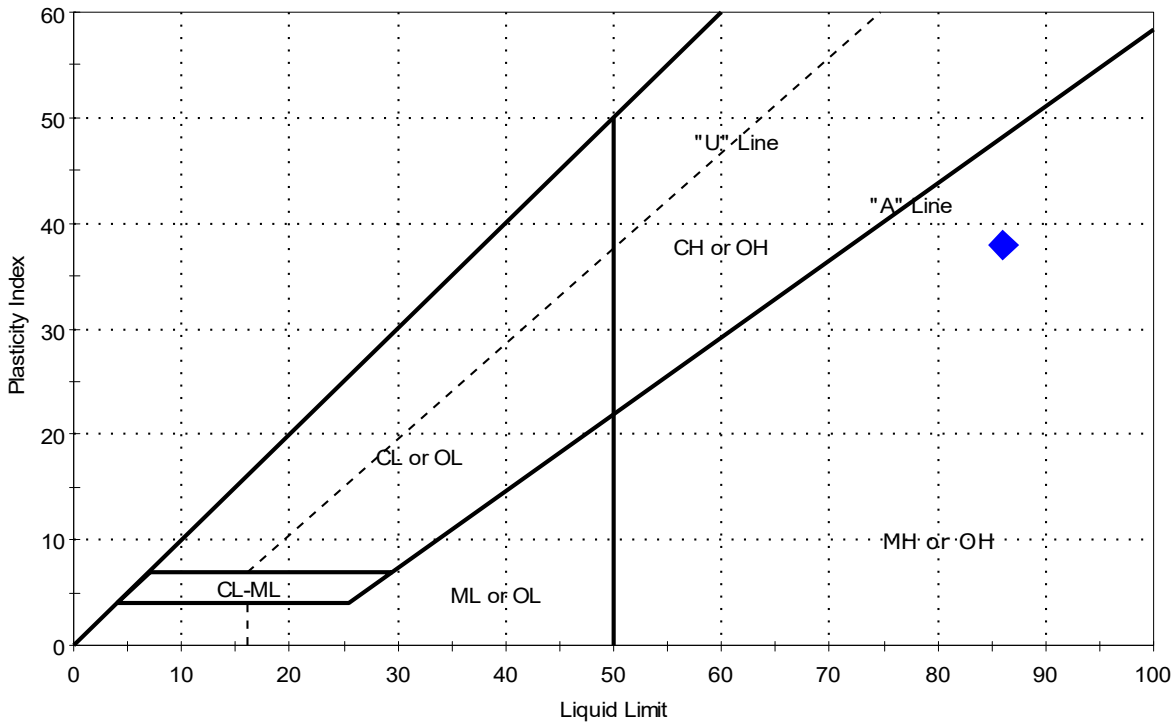
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	2SC-B-02-04-2011	USMPDI-	---	83	74	45	29	1.3	Elastic SILT (MH)

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

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	043SC-B-06-08-201105	Test Date:	01/25/21	Checked By:	emm
Depth :	---	Test Id:	595277		
Test Comment:	---				
Visual Description:	Moist, very dark gray silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

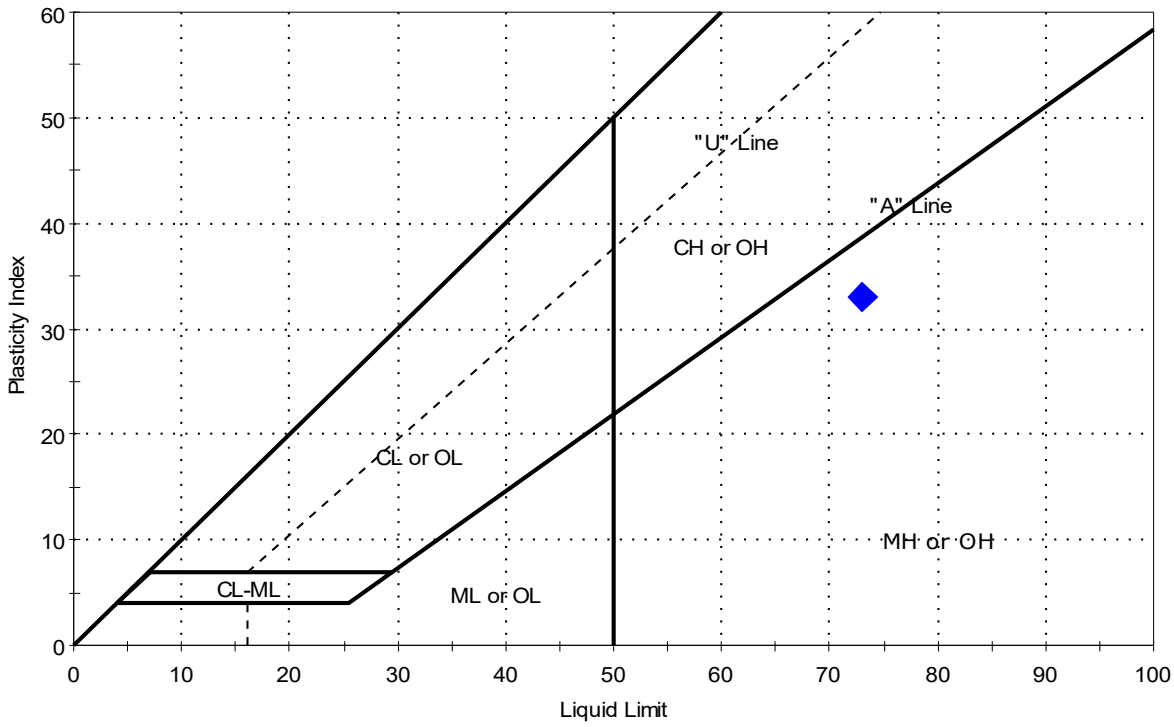


Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	3SC-B-06-08-2011	USMPDI-	---	87	86	48	38	1	Elastic SILT (MH)

Sample Prepared using the WET method
0% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	050SC-B-04-06-201105	Test Date:	01/25/21	Checked By:	emm
Depth :	---	Test Id:	595278		
Test Comment:	---				
Visual Description:	Wet, very dark grayish brown silt with sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

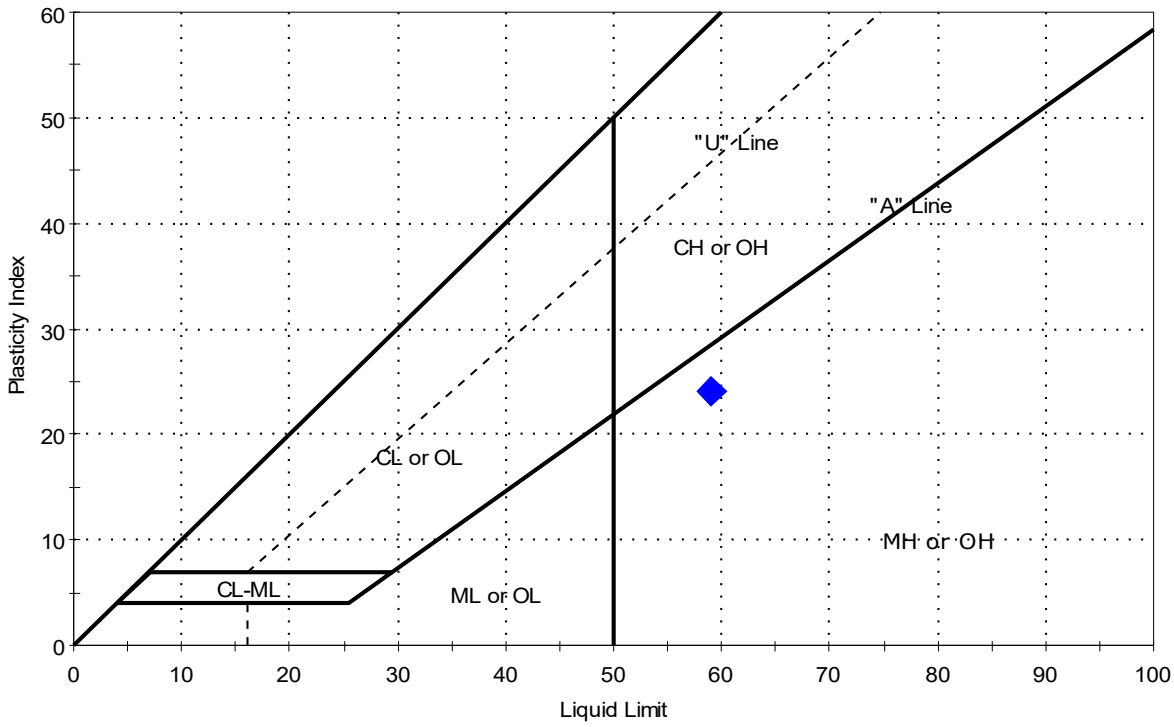


Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	0SC-B-04-06-2011	USMPDI-	---	85	73	40	33	1.4	Elastic SILT with Sand (MH)

Sample Prepared using the WET method
10% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	026SC-B-08-10-201106	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595279		
Test Comment:	---				
Visual Description:	Wet, very dark gray silt with sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



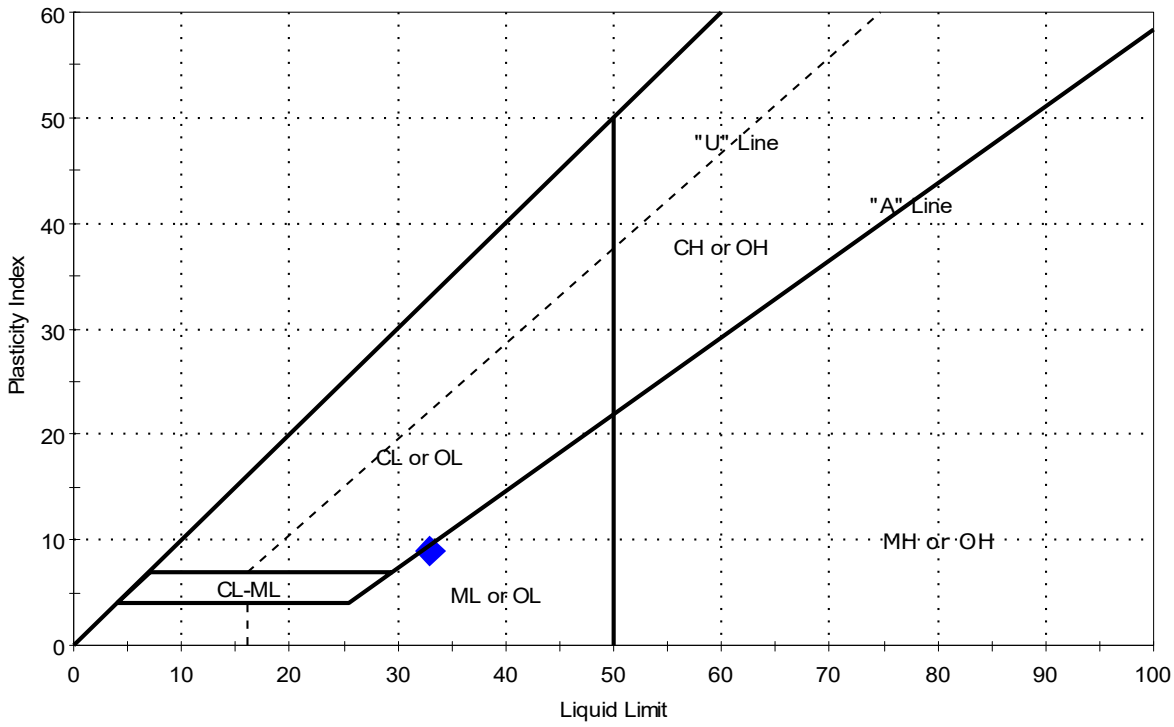
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	6SC-B-08-10-2011	USMPDI-	---	74	59	35	24	1.6	Elastic SILT with Sand (MH)

Sample Prepared using the WET method
4% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	027SC-B-14-16-201106	Test Date:	01/18/21	Checked By:	emm
Depth :	---	Test Id:	595280		
Test Comment:	---				
Visual Description:	Wet, dark olive gray silty sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	7SC-B-14-16-2011	USMPDI-	---	45	33	24	9	2.4	Silty SAND (SM)

Sample Prepared using the WET method
3% Retained on #40 Sieve
Dry Strength: HIGH
Dilatancy: SLOW
Toughness: LOW

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	034SC-B-10-12-201106	Test Date:	01/07/21	Checked By:	emm
Depth :	---	Test Id:	595281		
Test Comment:	---				
Visual Description:	Moist, dark olive gray sand with silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

Sample Determined to be non-plastic

Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	4SC-B-10-12-2011	USMPDI-	---	28	n/a	n/a	n/a	n/a	Poorly graded SAND with Silt (SP-SM)

3% Retained on #40 Sieve
Dry Strength: LOW
Dilatancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	021SC-B-08-10-201107	Test Date:	01/07/21	Checked By:	emm
Depth :	---	Test Id:	595282		
Test Comment:	---				
Visual Description:	Moist, dark olive gray sand with silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

Sample Determined to be non-plastic

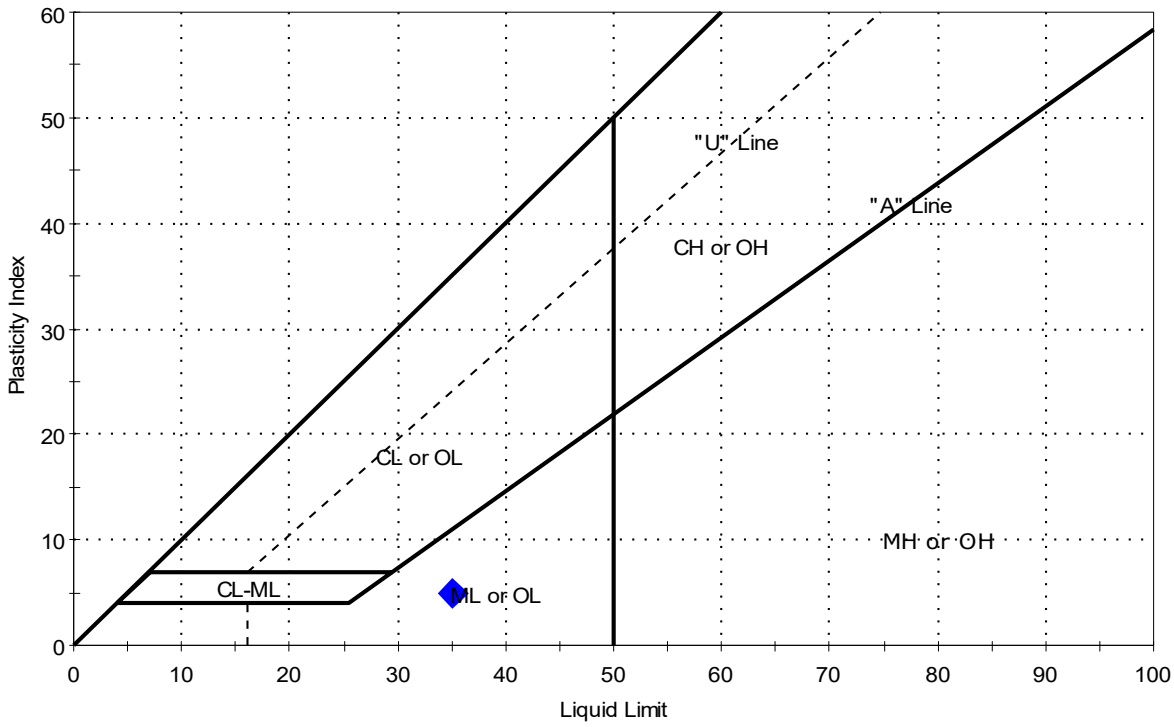
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	1SC-B-08-10-2011	USMPDI-	---	14	n/a	n/a	n/a	n/a	Poorly graded SAND with Silt (SP-SM)

1% Retained on #40 Sieve
Dry Strength: LOW
Dilatancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	023SC-B-06-08-201107	Test Date:	01/25/21	Checked By:	emm
Depth :	---	Test Id:	595283		
Test Comment:	---				
Visual Description:	Wet, very dark grayish brown sandy silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



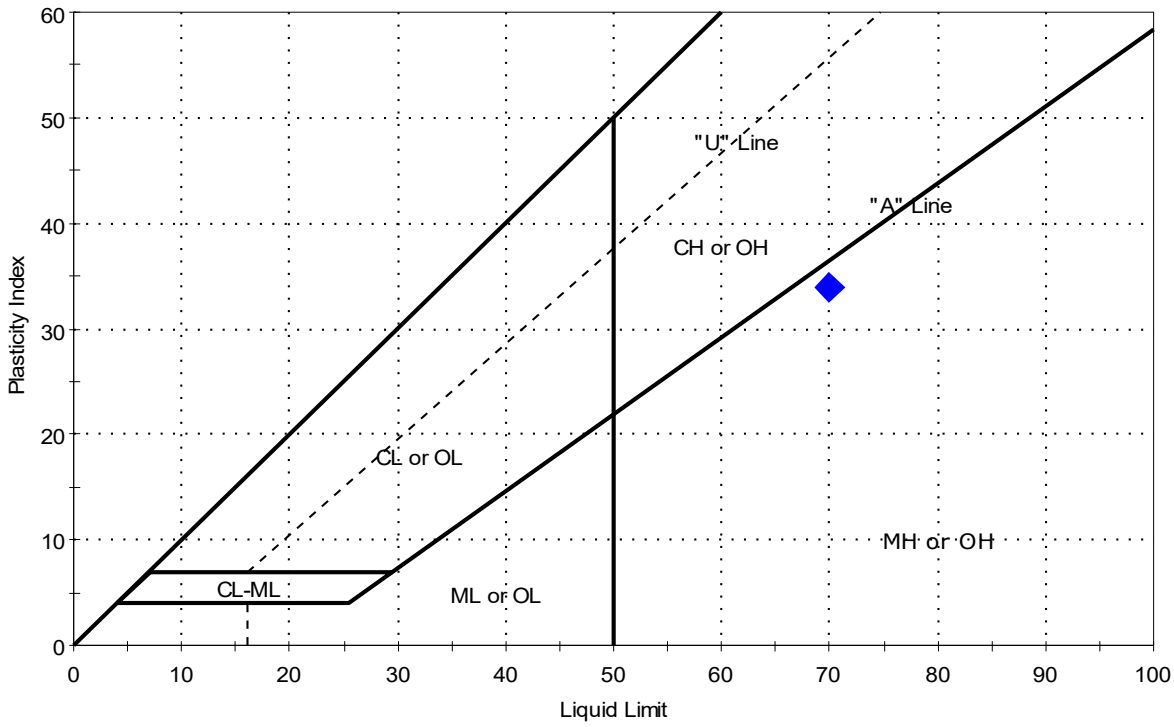
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	3SC-B-06-08-2011	USMPDI-	---	53	35	30	5	4.6	Sandy SILT (ML)

Sample Prepared using the WET method
2% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	056SC-B-04-06-201107	Test Date:	01/25/21	Checked By:	emm
Depth :	---	Test Id:	595284		
Test Comment:	---				
Visual Description:	Wet, very dark gray silt with sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	6SC-B-04-06-2011	USMPDI-	---	77	70	36	34	1.2	Elastic SILT with Sand (MH)

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

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	013SC-B-08-10-201108	Test Date:	01/07/21	Checked By:	emm
Depth :	---	Test Id:	595285		
Test Comment:	---				
Visual Description:	Moist, dark olive gray sand with silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

Sample Determined to be non-plastic

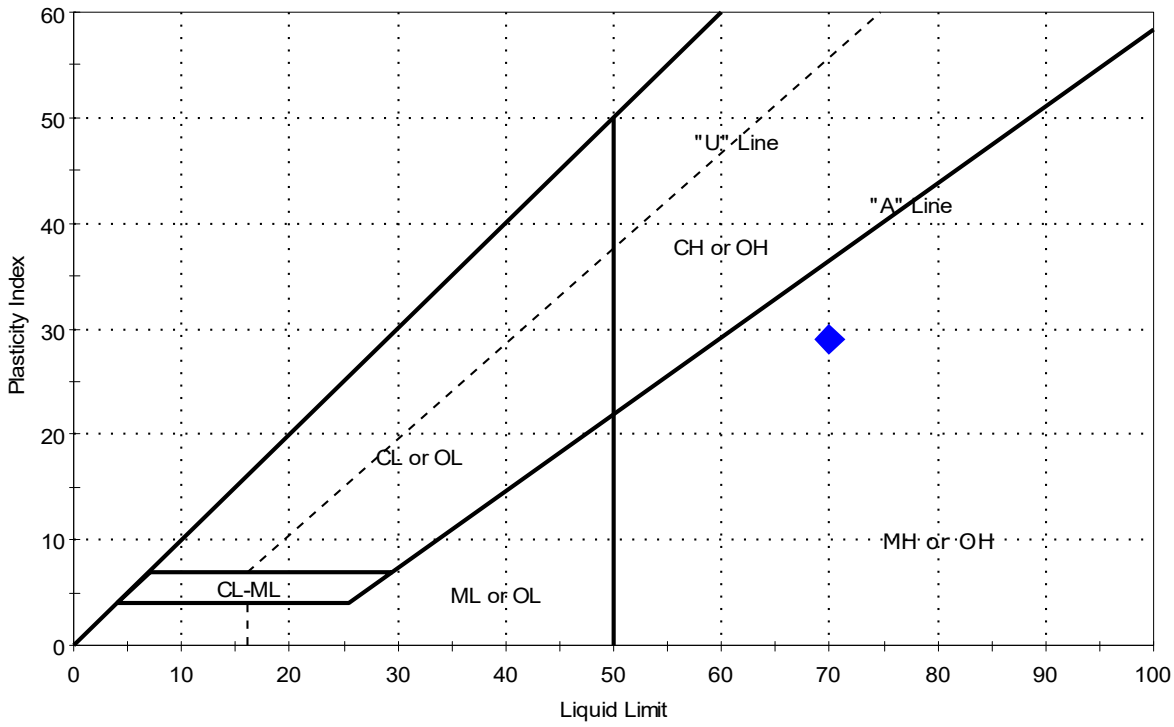
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	3SC-B-08-10-2011	USMPDI-	---	18	n/a	n/a	n/a	n/a	Poorly graded SAND with Silt (SP-SM)

2% Retained on #40 Sieve
Dry Strength: LOW
Dilatancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	018SC-B-06-08-201108	Test Date:	01/15/21	Checked By:	emm
Depth :	---	Test Id:	595286		
Test Comment:	---				
Visual Description:	Moist, very dark gray silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

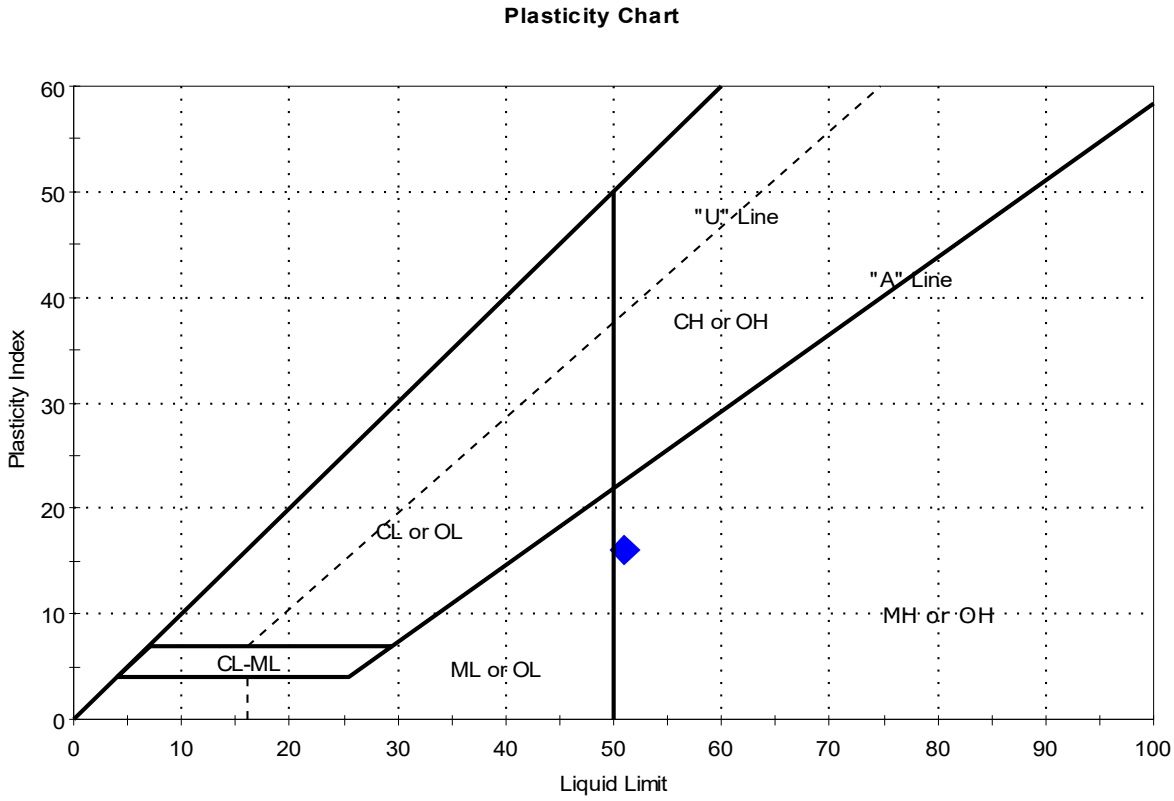


Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	8SC-B-06-08-2011	USMPDI-	---	69	70	41	29	1	Elastic SILT (MH)

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

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	022SC-B-06-08-201108	Test Date:	01/11/21	Checked By:	emm
Depth :	---	Test Id:	595287		
Test Comment:	---				
Visual Description:	Moist, dark olive gray sandy silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

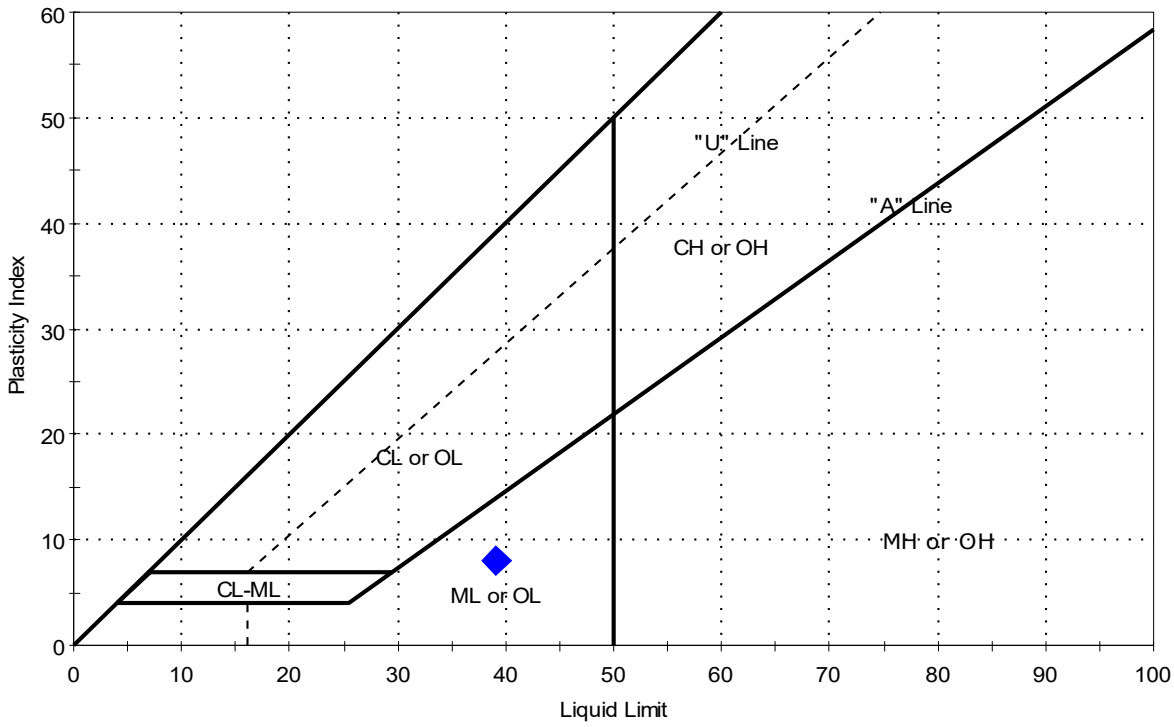


Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	2SC-B-06-08-2011	USMPDI-	---	47	51	35	16	0.7	Sandy Elastic SILT (MH)

Sample Prepared using the WET method
2% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	012SC-D-00-02-201109	Test Date:	01/26/21	Checked By:	emm
Depth :	---	Test Id:	595288		
Test Comment:	---				
Visual Description:	Wet, very dark grayish brown sandy silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



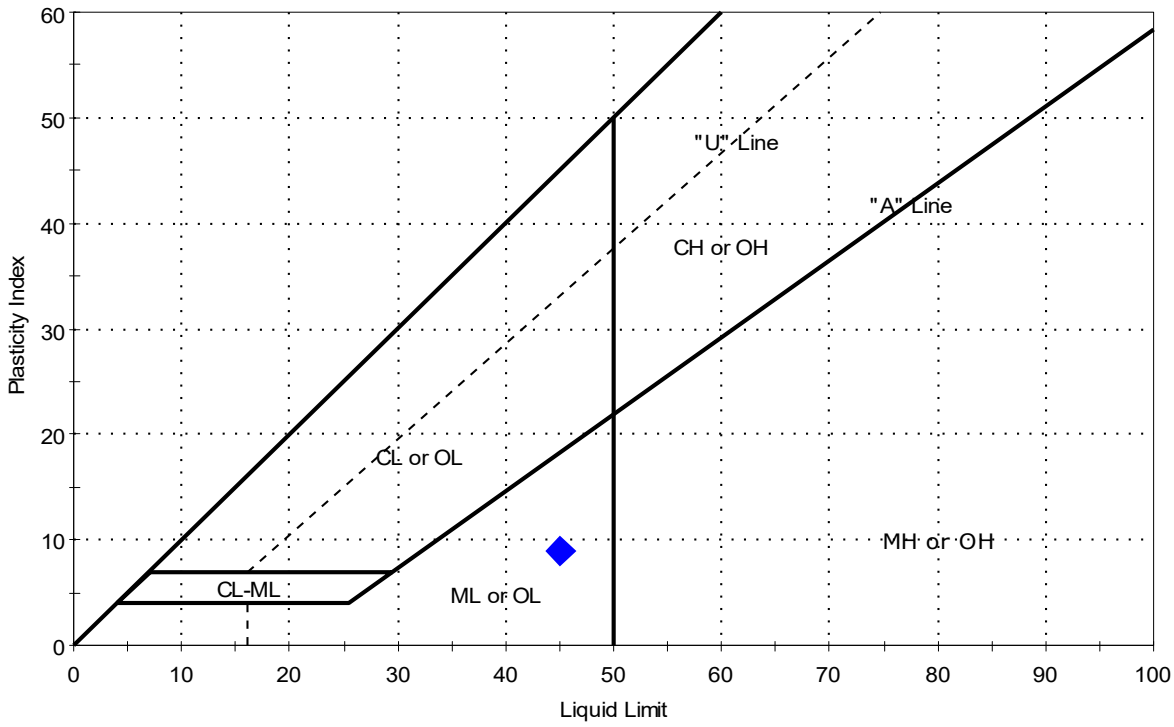
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	2SC-D-00-02-2011	USMPDI-	---	48	39	31	8	2.1	Sandy SILT (ML)

Sample Prepared using the WET method
3% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	014SC-B-14-16-201109	Test Date:	01/14/21	Checked By:	emm
Depth :	---	Test Id:	595289		
Test Comment:	---				
Visual Description:	Moist, very dark gray silt with sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



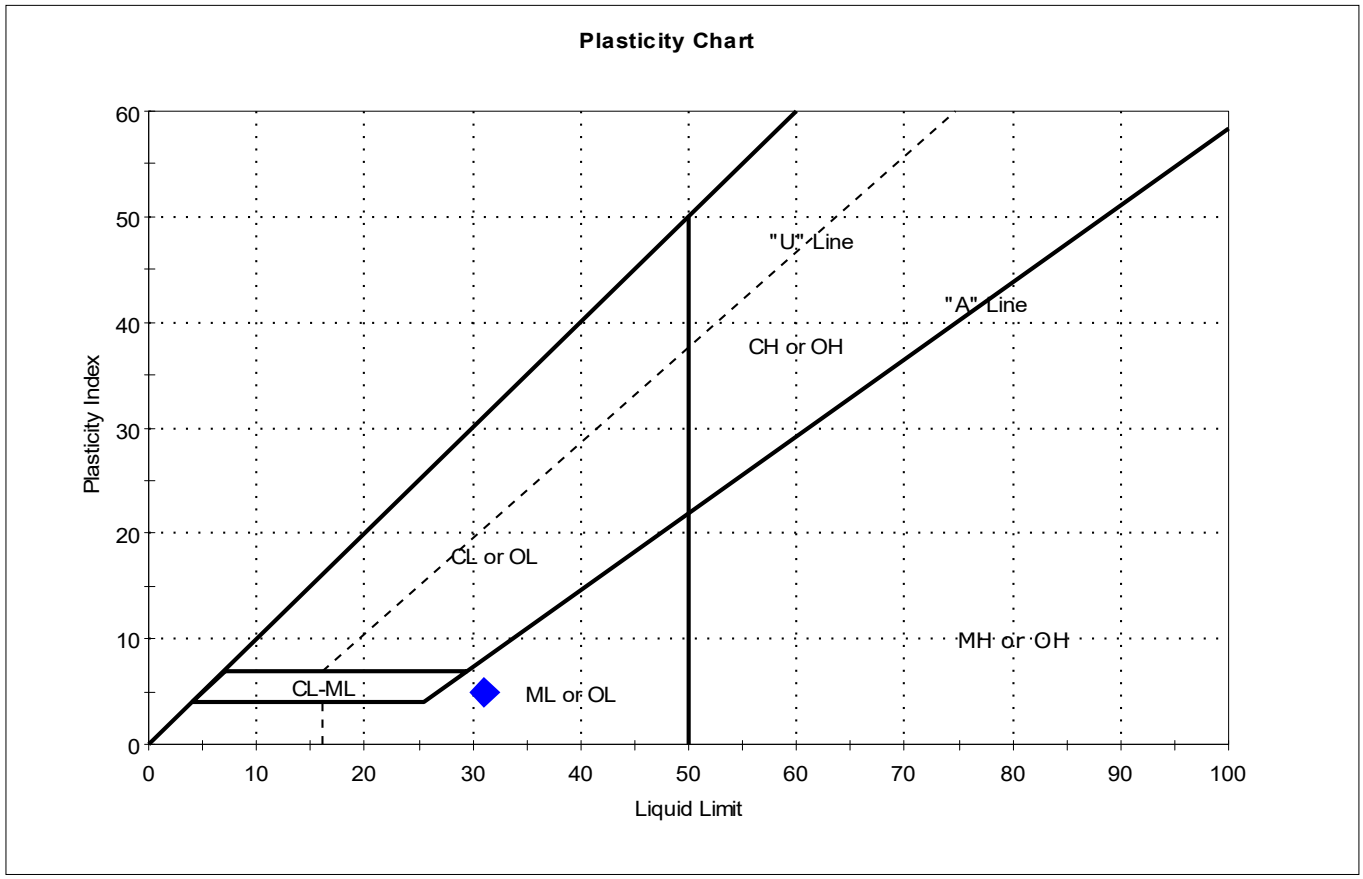
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	4SC-B-14-16-2011	USMPDI-	---	47	45	36	9	1.3	SILT with Sand (ML)

Sample Prepared using the WET method
0% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	057SC-B-04-06-201109	Test Date:	01/13/21	Checked By:	emm
Depth :	---	Test Id:	595290		
Test Comment:	---				
Visual Description:	Moist, dark olive brown silty sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	7SC-B-04-06-2011	USMPDI-	---	30	31	26	5	0.8	Silty SAND (SM)

Sample Prepared using the WET method
3% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	003SC-B-04-06-201110	Test Date:	01/12/21	Checked By:	emm
Depth :	---	Test Id:	595291		
Test Comment:	---				
Visual Description:	Moist, dark olive gray sand with silt				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

Sample Determined to be non-plastic

Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	3SC-B-04-06-2011	USMPDI-	---	26	n/a	n/a	n/a	n/a	Poorly graded SAND with Silt (SP-SM)

3% Retained on #40 Sieve
Dry Strength: LOW
Dilatancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	006SC-D-04-06-201110	Test Date:	01/08/21	Checked By:	emm
Depth :	---	Test Id:	595292		
Test Comment:	---				
Visual Description:	Moist, very dark grayish brown silty sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

Sample Determined to be non-plastic

Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	6SC-D-04-06-2011	USMPDI-	---	21	n/a	n/a	n/a	n/a	Silty SAND (SM)

1% Retained on #40 Sieve
Dry Strength: LOW
Dilatancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	001SC-B-02-04-201111	Test Date:	01/07/21	Checked By:	emm
Depth :	---	Test Id:	595293		
Test Comment:	---				
Visual Description:	Moist, dark olive brown silty sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

Sample Determined to be non-plastic

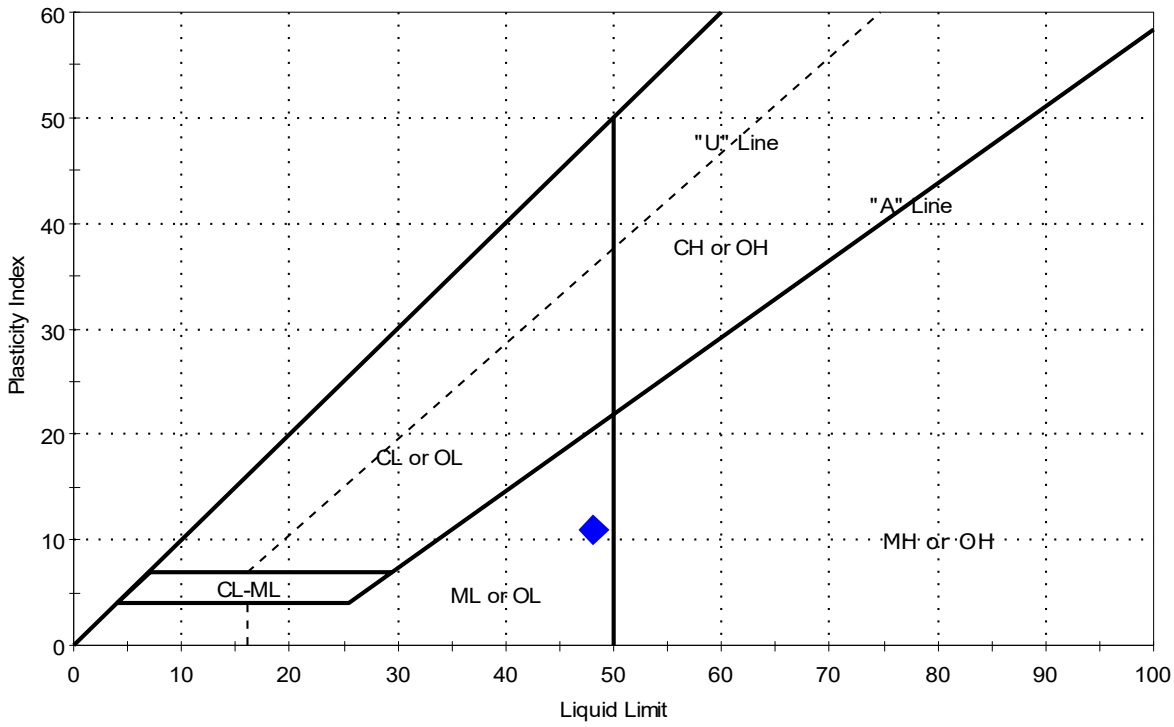
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	1SC-B-02-04-2011	USMPDI-	---	41	n/a	n/a	n/a	n/a	Silty SAND (SM)

2% Retained on #40 Sieve
Dry Strength: LOW
Dilatancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	002SC-B-04-06-201111	Test Date:	01/13/21	Checked By:	emm
Depth :	---	Test Id:	595294		
Test Comment:	---				
Visual Description:	Moist, very dark gray silty sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

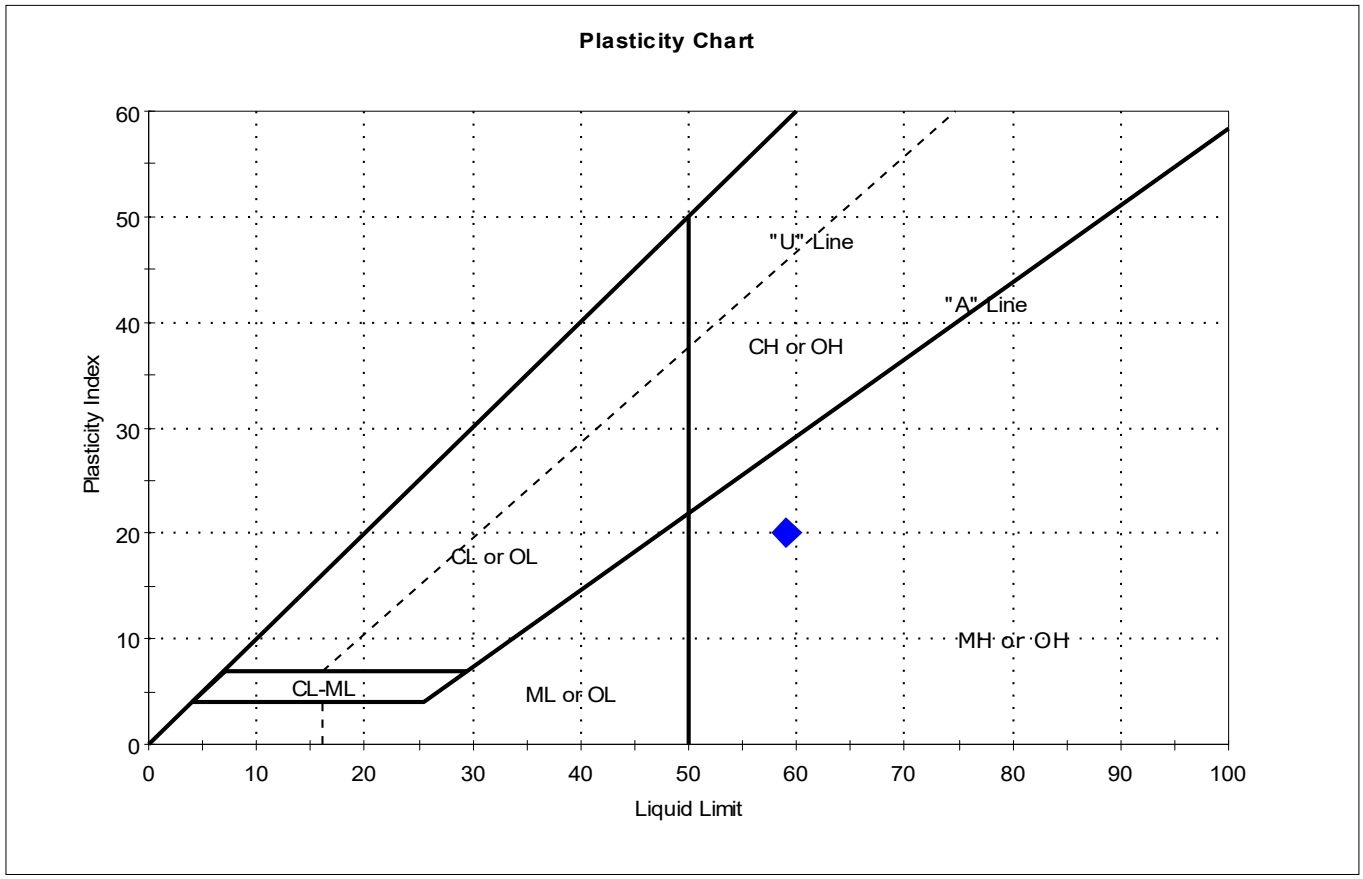


Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	2SC-B-04-06-2011	USMPDI-	---	47	48	37	11	0.9	Silty SAND (SM)

Sample Prepared using the WET method
20% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	004SC-B-04-06-201111	Test Date:	01/15/21	Checked By:	emm
Depth :	---	Test Id:	595295		
Test Comment:	---				
Visual Description:	Wet, very dark gray silt with sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	4SC-B-04-06-2011	USMPDI-	---	71	59	39	20	1.6	Elastic SILT with Sand (MH)

Sample Prepared using the WET method
3% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	011SC-D-08-10-201111	Test Date:	01/18/21	Checked By:	emm
Depth :	---	Test Id:	595296		
Test Comment:	---				
Visual Description:	Moist, dark olive brown silty sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318

Sample Determined to be non-plastic

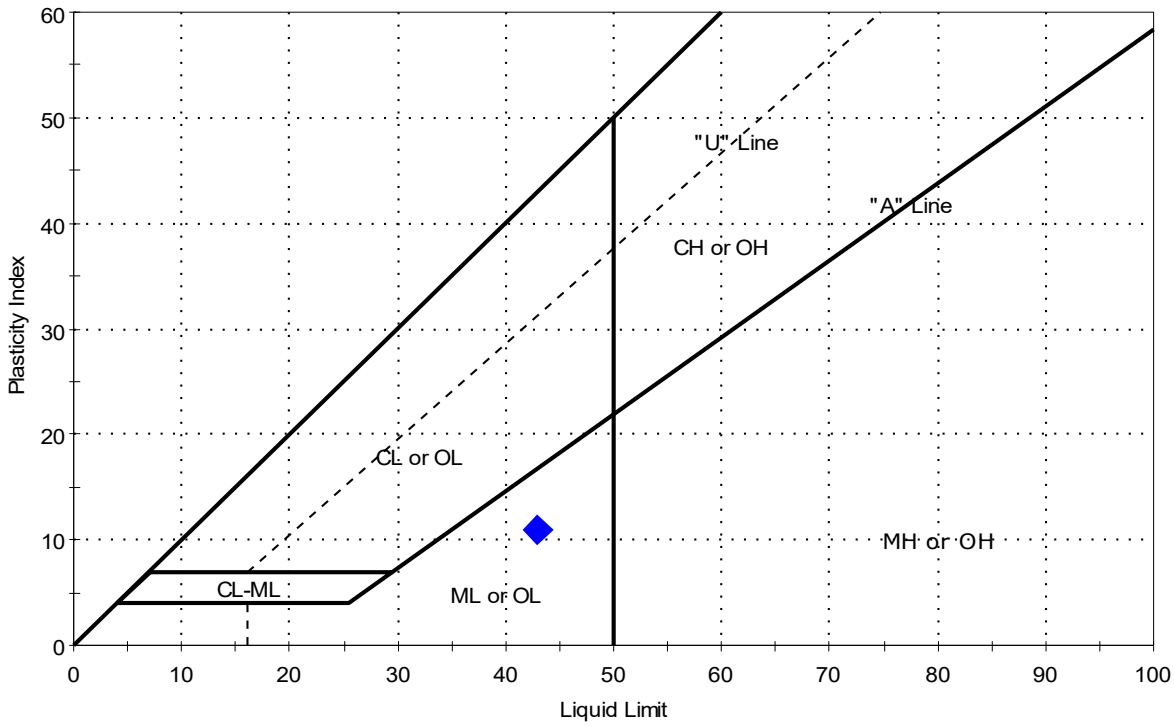
Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	1SC-D-08-10-2011	USMPDI-	---	29	n/a	n/a	n/a	n/a	Silty SAND (SM)

1% Retained on #40 Sieve
Dry Strength: LOW
Dilatancy: RAPID
Toughness: n/a
The sample was determined to be Non-Plastic

GeoTesting EXPRESS

Client:	Anchor QEA, LLC				
Project:	GascoSiltronic: US Moorings 11202020				
Location:				Project No:	GTX-312774
Boring ID:	USMPDI-	Sample Type:	bag	Tested By:	cam
Sample ID:	009SC-D-08-10-201112	Test Date:	01/26/21	Checked By:	emm
Depth :	---	Test Id:	595297		
Test Comment:	---				
Visual Description:	Wet, very dark grayish brown silt with sand				
Sample Comment:	---				

Atterberg Limits - ASTM D4318



Symbol	Sample ID	Boring	Depth	Natural Moisture Content,%	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity Index	Soil Classification
◆	9SC-D-08-10-2011	USMPDI-	---	55	43	32	11	2.1	SILT with Sand (ML)

Sample Prepared using the WET method
0% Retained on #40 Sieve
Dry Strength: VERY HIGH
Dilatancy: SLOW
Toughness: LOW