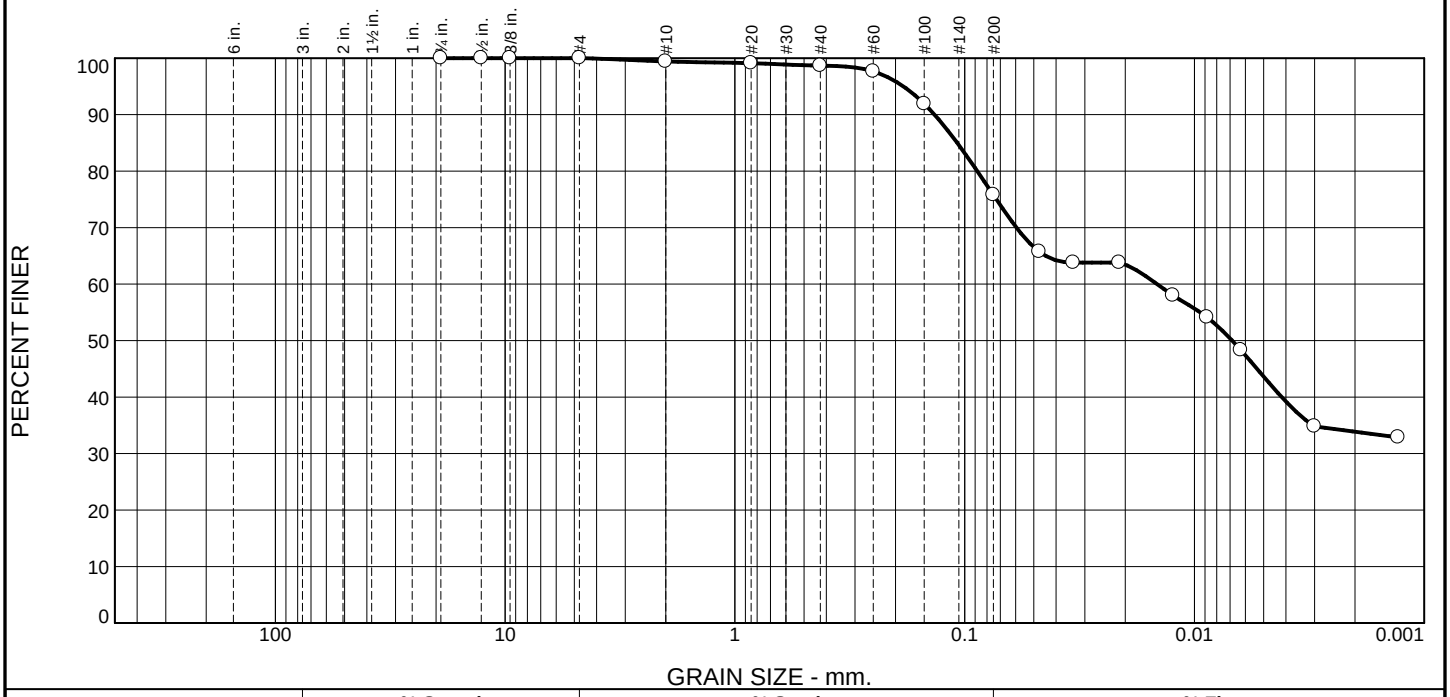
Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.6	0.7	22.9	32.2	43.6

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	99.4		
#20	99.1		
#40	98.7		
#60	97.7		
#100	91.9		
#200	75.8		
0.0474 mm.	65.7		
0.0336 mm.	63.8		
0.0212 mm.	63.8		
0.0124 mm.	58.0		
0.0088 mm.	54.1		
0.0063 mm.	48.3		
0.0030 mm.	34.8		
0.0013 mm.	32.9		

* (no specification provided)

Material Description

CLAY, inorganic-H, little fine-grained sand-sized quartz, (CH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= 39 **LL=** 125 **PI=** 86

Classification

USCS (D 2487)= CH **AASHTO (M 145)=** A-7-5(72)

Coefficients

D_{90}= 0.1353 D_{85}= 0.1077 D_{60}= 0.0145
D_{50}= 0.0069 D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 60.1
Percent Solids: 39.9
Specific Gravity: 2.680

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-AC **Date Sampled:** 6/4/14

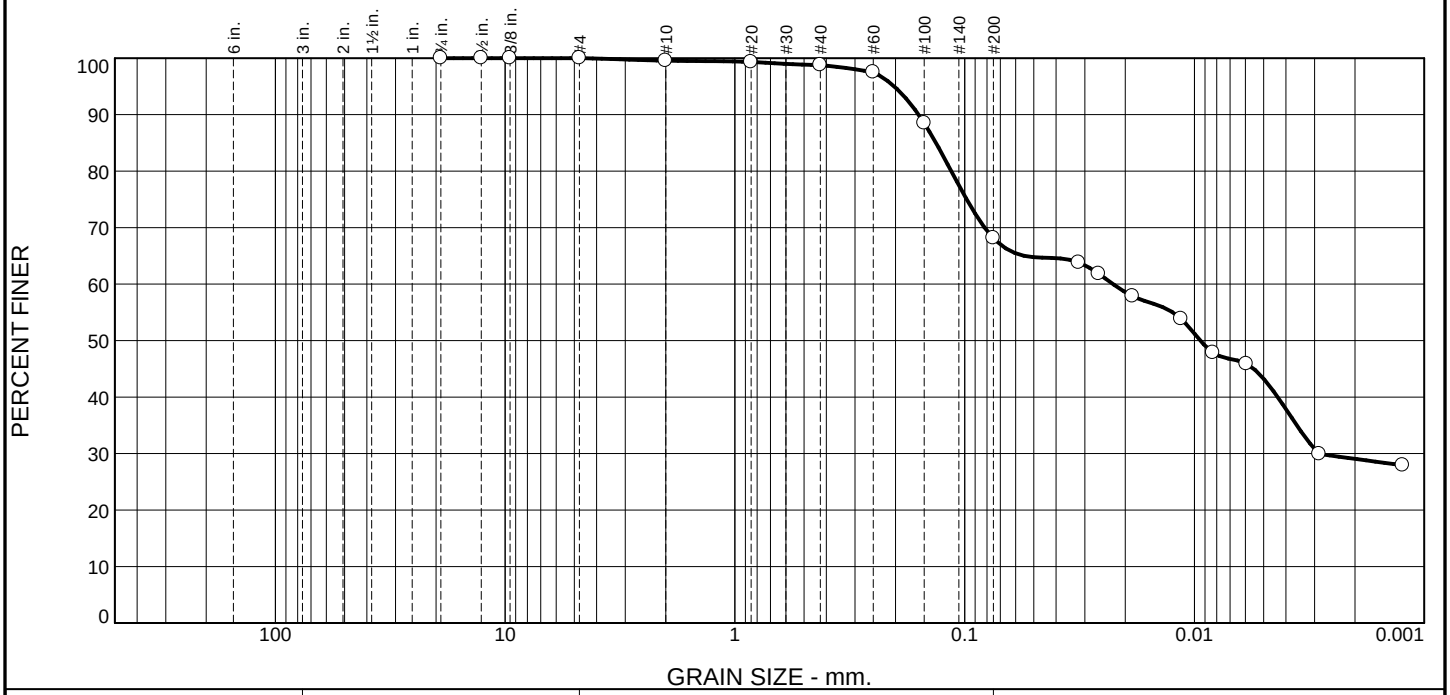
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.4	0.8	30.7	24.8	43.3

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	99.6		
#20	99.3		
#40	98.8		
#60	97.5		
#100	88.5		
#200	68.1		
0.0319 mm.	63.8		
0.0261 mm.	61.8		
0.0186 mm.	57.8		
0.0114 mm.	53.9		
0.0083 mm.	47.9		
0.0059 mm.	45.9		
0.0029 mm.	29.9		
0.0012 mm.	27.9		

* (no specification provided)

Material Description

CLAY, inorganic-H, some fine-grained sand-sized quartz, (CH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= 43 **LL=** 121 **PI=** 78

Classification

USCS (D 2487)= CH **AASHTO (M 145)=** A-7-5(56)

Coefficients

D_{90}= 0.1587 D_{85}= 0.1333 D_{60}= 0.0226
D_{50}= 0.0094 D_{30}= 0.0029 D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 60.1
Percent Solids: 39.9
Specific Gravity: 2.653

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-AC
Sample Number: Dup

Date Sampled: 6/04/14

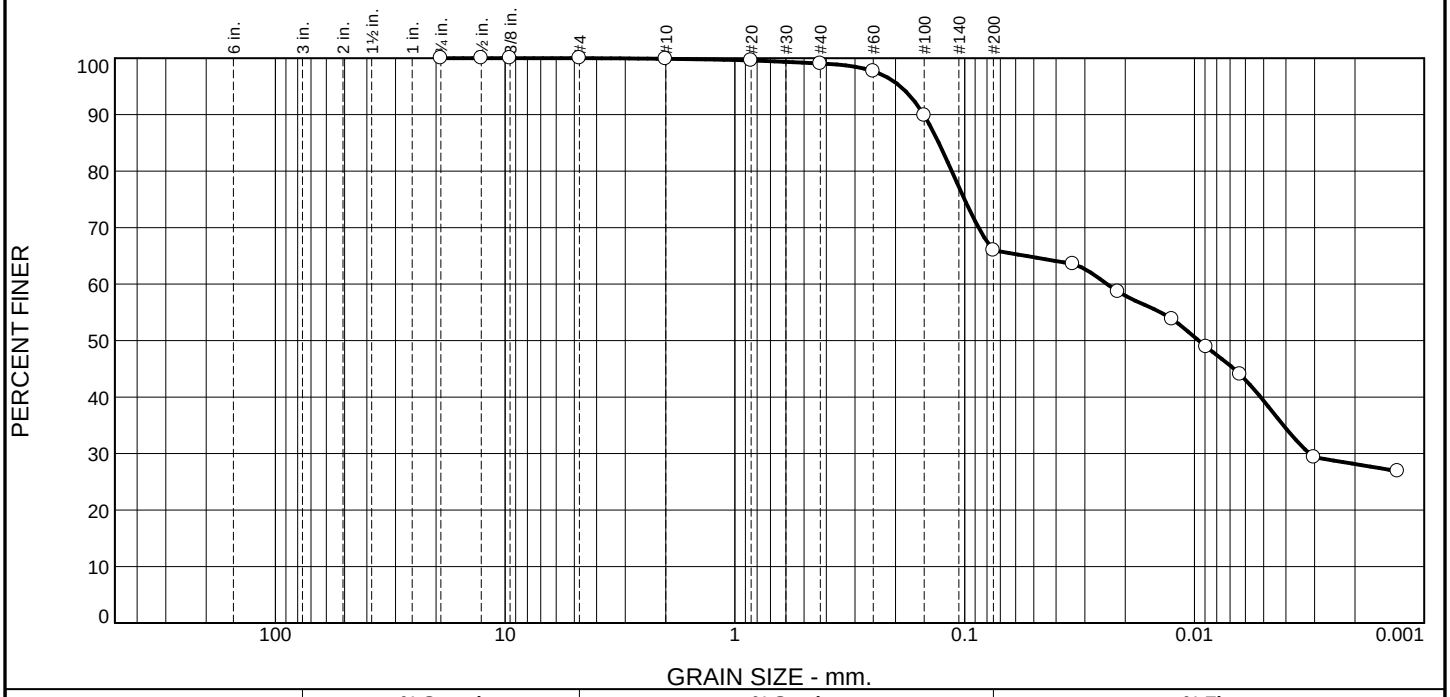
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.1	0.9	33.0	26.6	39.4

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	99.9		
#20	99.6		
#40	99.0		
#60	97.7		
#100	89.9		
#200	66.0		
0.0338 mm.	63.6		
0.0215 mm.	58.7		
0.0125 mm.	53.8		
0.0089 mm.	48.9		
0.0063 mm.	44.0		
0.0030 mm.	29.3		
0.0013 mm.	26.9		

* (no specification provided)

Material Description

CLAY, inorganic-H, some fine-grained sand-sized quartz, (CH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= **LL=** **PI=**

Classification

USCS (D 2487)= CH **AASHTO (M 145)=**

Coefficients

D_{90}= 0.1507 D_{85}= 0.1296 D_{60}= 0.0240
D_{50}= 0.0096 D_{30}= 0.0032 D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 62.2
Percent Solids: 37.8
Specific Gravity: N/A

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: C. Martin; D. Newman

Checked By: C. Chascin

Title: Staff Engineer

Location: SYC14-AC
Sample Number: Trip

Date Sampled: 6/04/14

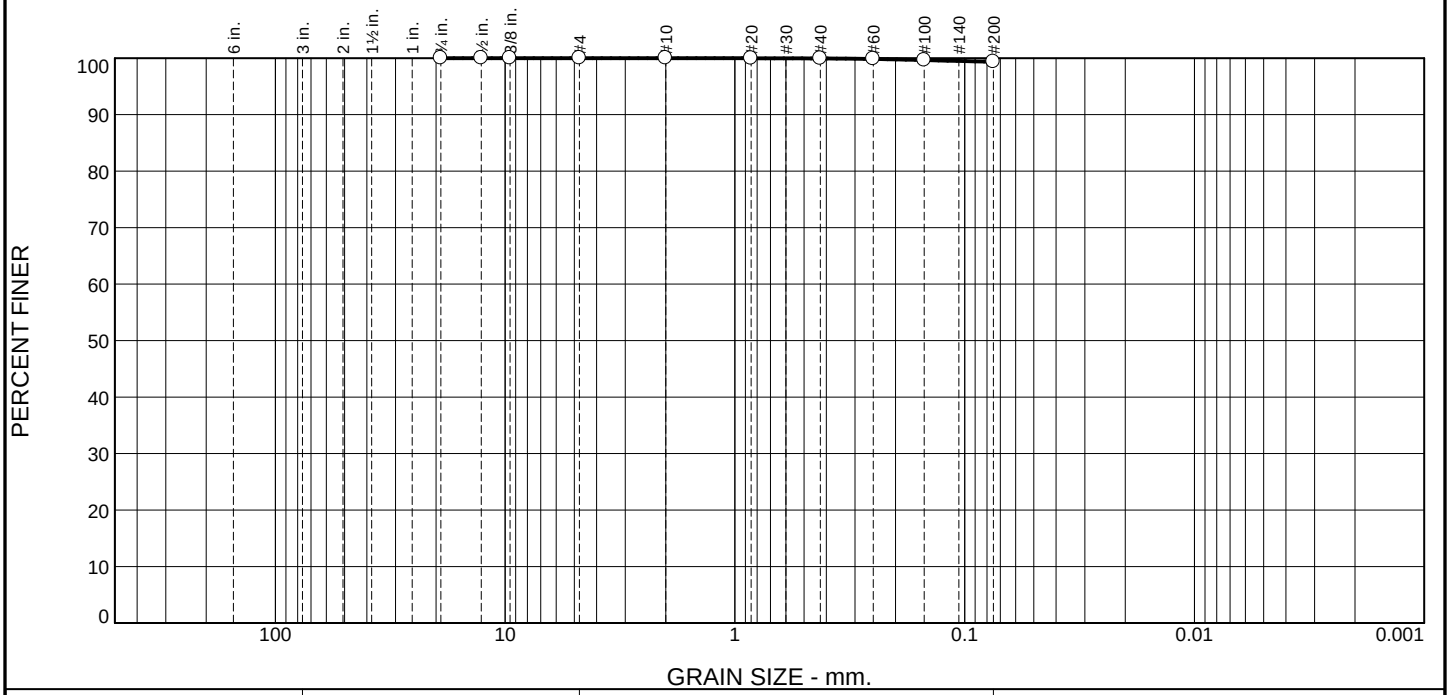
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.1	0.5	99.4	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	100.0		
#20	100.0		
#40	99.9		
#60	99.9		
#100	99.7		
#200	99.4		

* (no specification provided)

Material Description

CLAY, inorganic-H, trace quartz, (CH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= **LL=** **PI=**

Classification

USCS (D 2487)= **AASHTO (M 145)=**

Coefficients

D_{90}= D_{85}= D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moirsture: 71.7
Percent Solids: 28.3

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-TB
Sample Number: 1

Date Sampled: 6/02/14

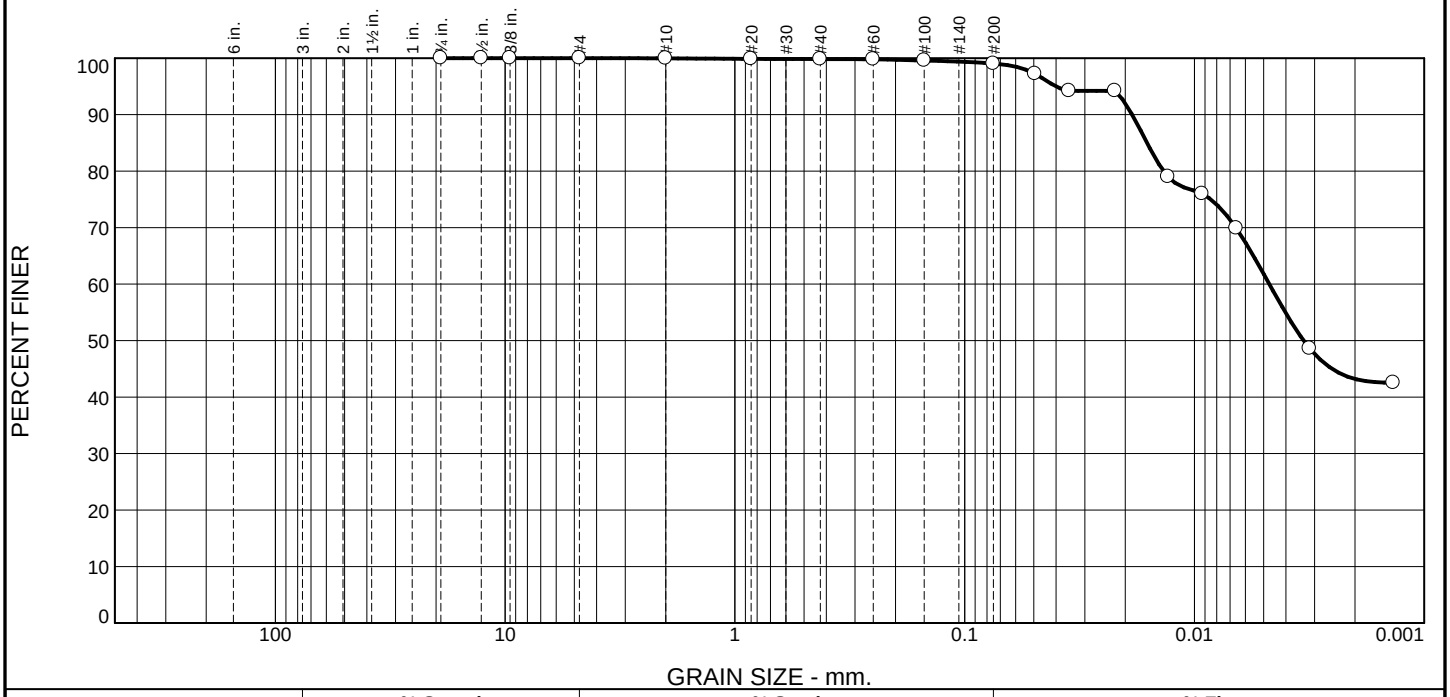
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.2	0.8	37.2	61.8

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	100.0		
#20	99.9		
#40	99.8		
#60	99.8		
#100	99.6		
#200	99.0		
0.0495 mm.	97.2		
0.0351 mm.	94.2		
0.0222 mm.	94.2		
0.0130 mm.	79.0		
0.0092 mm.	76.0		
0.0066 mm.	69.9		
0.0032 mm.	48.6		
0.0014 mm.	42.5		

* (no specification provided)

Material Description

CLAY, inorganic-H, trace silt, (CH) dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= 58 **LL=** 212 **PI=** 154

Classification

USCS (D 2487)= CH **AASHTO (M 145)=** A-7-5(189)

Coefficients

D_{90}= 0.0187 D_{85}= 0.0161 D_{60}= 0.0047
D_{50}= 0.0033 D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture 71.7
Percent Solids: 28.3
Specific Gravity: 2.504

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-TB1
Sample Number: 1

Date Sampled: 6/02/14

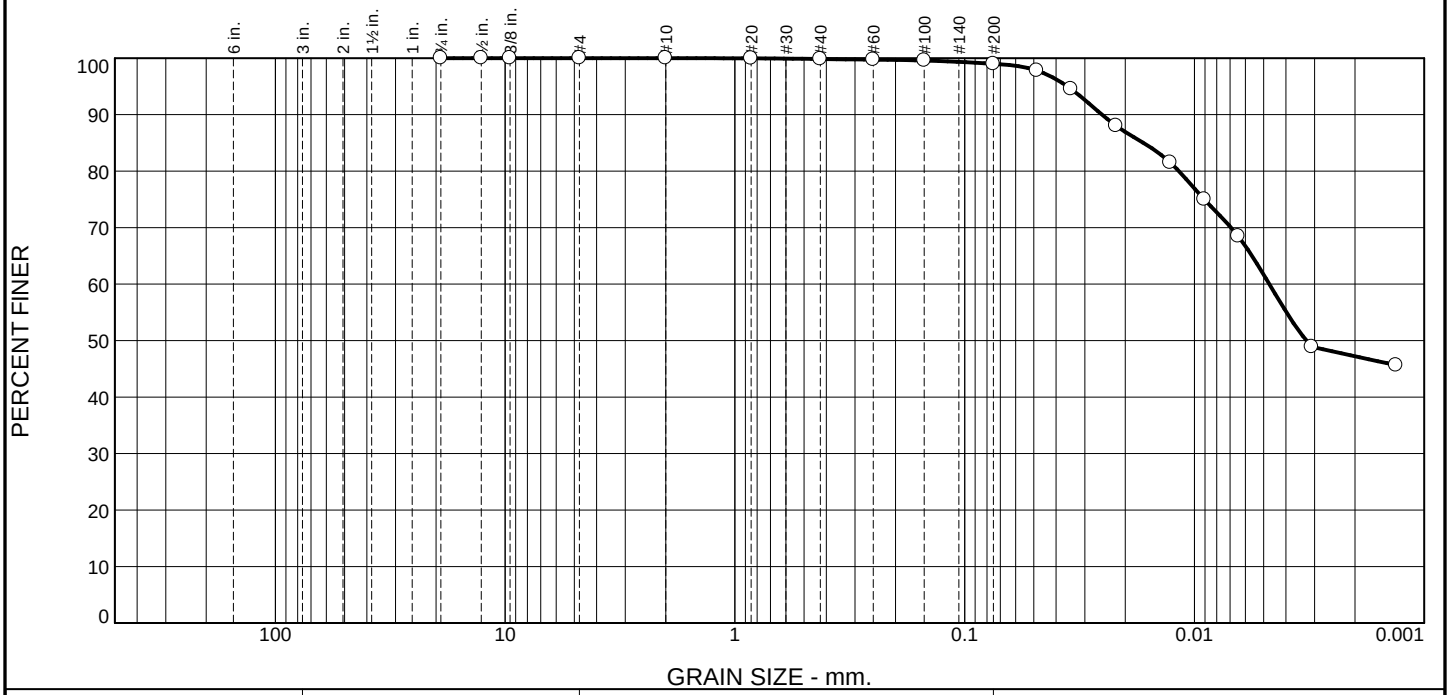
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.1	0.9	37.3	61.7

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	100.0		
#20	100.0		
#40	99.9		
#60	99.7		
#100	99.6		
#200	99.0		
0.0485 mm.	97.8		
0.0344 mm.	94.6		
0.0219 mm.	88.0		
0.0127 mm.	81.5		
0.0091 mm.	75.0		
0.0064 mm.	68.5		
0.0031 mm.	48.9		
0.0013 mm.	45.6		

* (no specification provided)

Material Description

CLAY, inorganic-H, trace quartz, (CH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= 53 **LL=** 209 **PI=** 156

Classification

USCS (D 2487)= CH **AASHTO (M 145)=** A-7-5(190)

Coefficients

D_{90}= 0.0252 D_{85}= 0.0167 D_{60}= 0.0047
D_{50}= 0.0033 D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 71.6
Percent Solids: 28.4
Specific Gravity: 2.592

Date Received: **Date Tested:** 6/24/14

Tested By: C. Martin; D. Newman

Checked By: C. Chascin

Title: Staff Engineer

Location: SYC14-TB2
Sample Number: 1

Date Sampled: 6/03/14

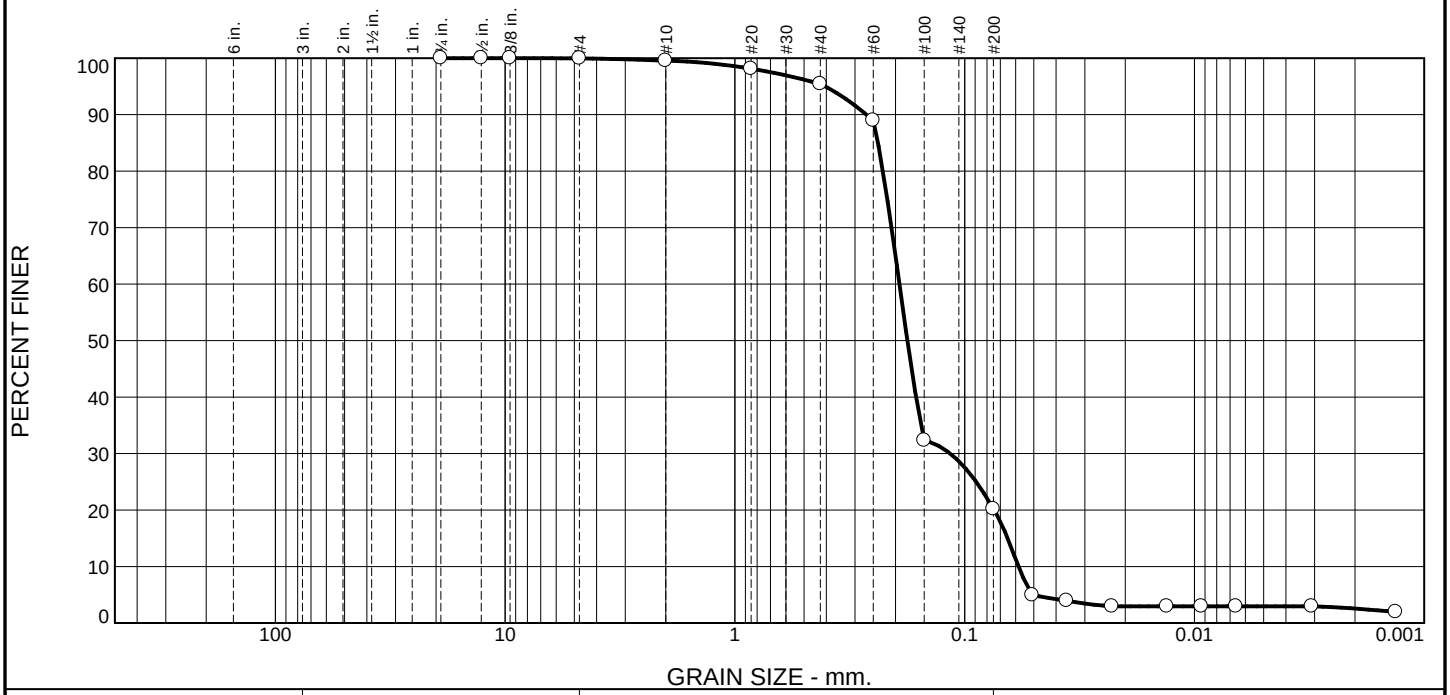
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.4	4.2	75.2	17.2	3.0

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	99.6		
#20	98.1		
#40	95.4		
#60	89.0		
#100	32.3		
#200	20.2		
0.0507 mm.	4.9		
0.0360 mm.	3.9		
0.0228 mm.	3.0		
0.0132 mm.	3.0		
0.0093 mm.	3.0		
0.0066 mm.	3.0		
0.0031 mm.	3.0		
0.0013 mm.	2.0		

* (no specification provided)

Material Description

SAND, silty, mostly fine-grained sand-sized quartz, little silt, (SM)
Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= NP **LL=** NP **PI=** NP

Classification

USCS (D 2487)= SM **AASHTO (M 145)=** A-2-4(0)

Coefficients

D_{90}= 0.2675 D_{85}= 0.2386 D_{60}= 0.1923
D_{50}= 0.1776 D_{30}= 0.1155 D_{15}= 0.0650
D_{10}= 0.0583 C_u= 3.30 C_c= 1.19

Remarks

Percent Moisture: 19.4
Percent Soldis: 80.6
Specific Gravity: 2.728

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-REF
Sample Number: 1

Date Sampled: 6/03/14

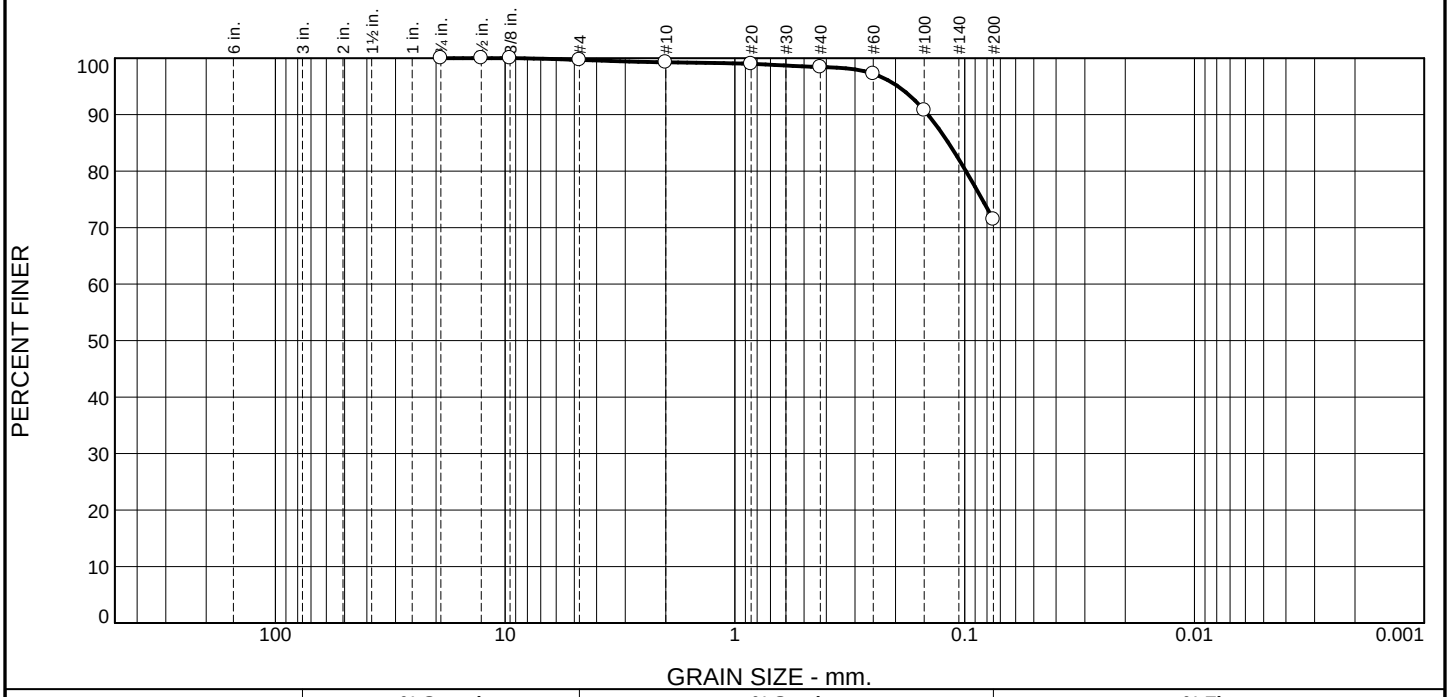
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.3	0.4	0.9	26.9	71.5	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	99.7		
#10	99.3		
#20	99.0		
#40	98.4		
#60	97.2		
#100	90.8		
#200	71.5		

* (no specification provided)

Material Description

SILT, inorganic-H, little fine-grained sand-sized quartz, (MH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= **LL=** **PI=**

Classification

USCS (D 2487)= **AASHTO (M 145)=**

Coefficients

D_{90}= 0.1445 D_{85}= 0.1176 D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 54.5
Percent Solids: 45.5

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-AC
Sample Number: A

Date Sampled: 6/04/14

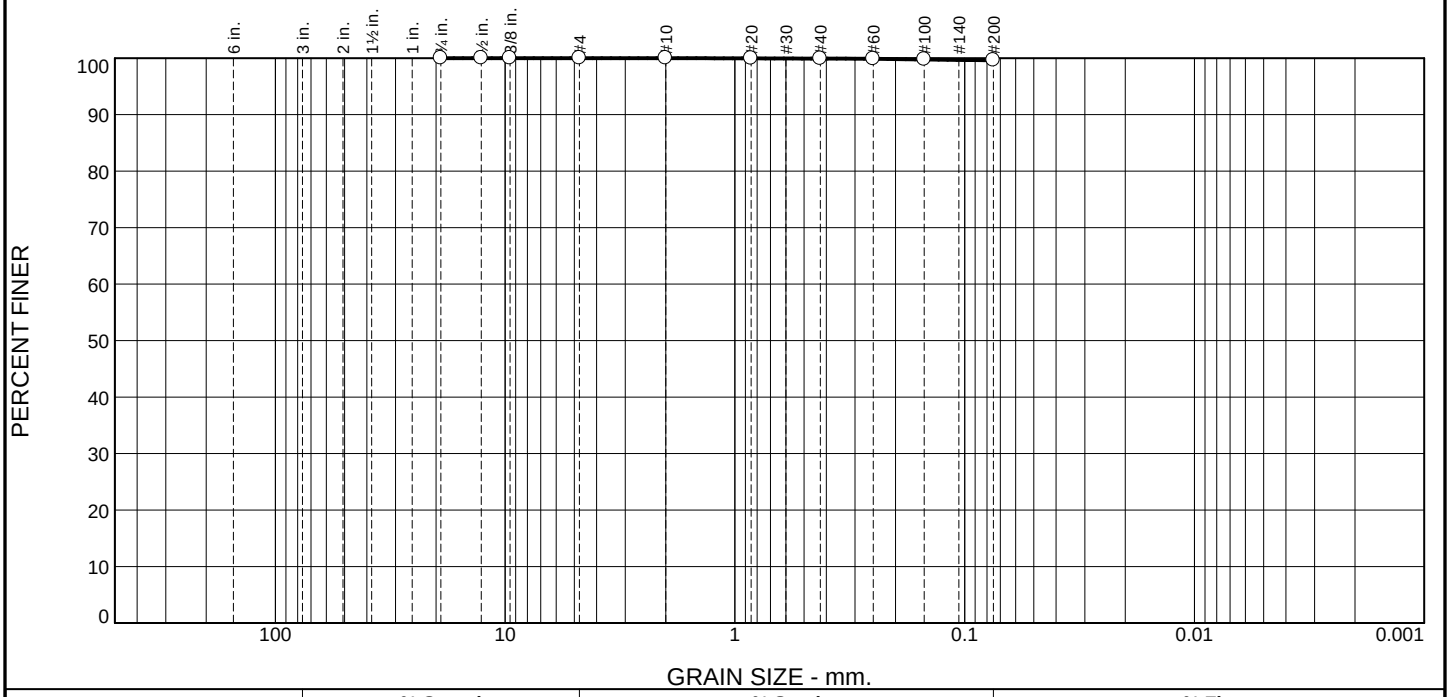
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.1	0.3	99.6	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	100.0		
#20	100.0		
#40	99.9		
#60	99.9		
#100	99.8		
#200	99.6		

* (no specification provided)

Material Description

SILT, inorganic-H, trace quartz, (MH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= AASHTO (M 145)=

Coefficients

D_{90}= D_{85}= D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 71.7
Percent Solids: 28.3

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-AC
Sample Number: B

Date Sampled: 6/04/14

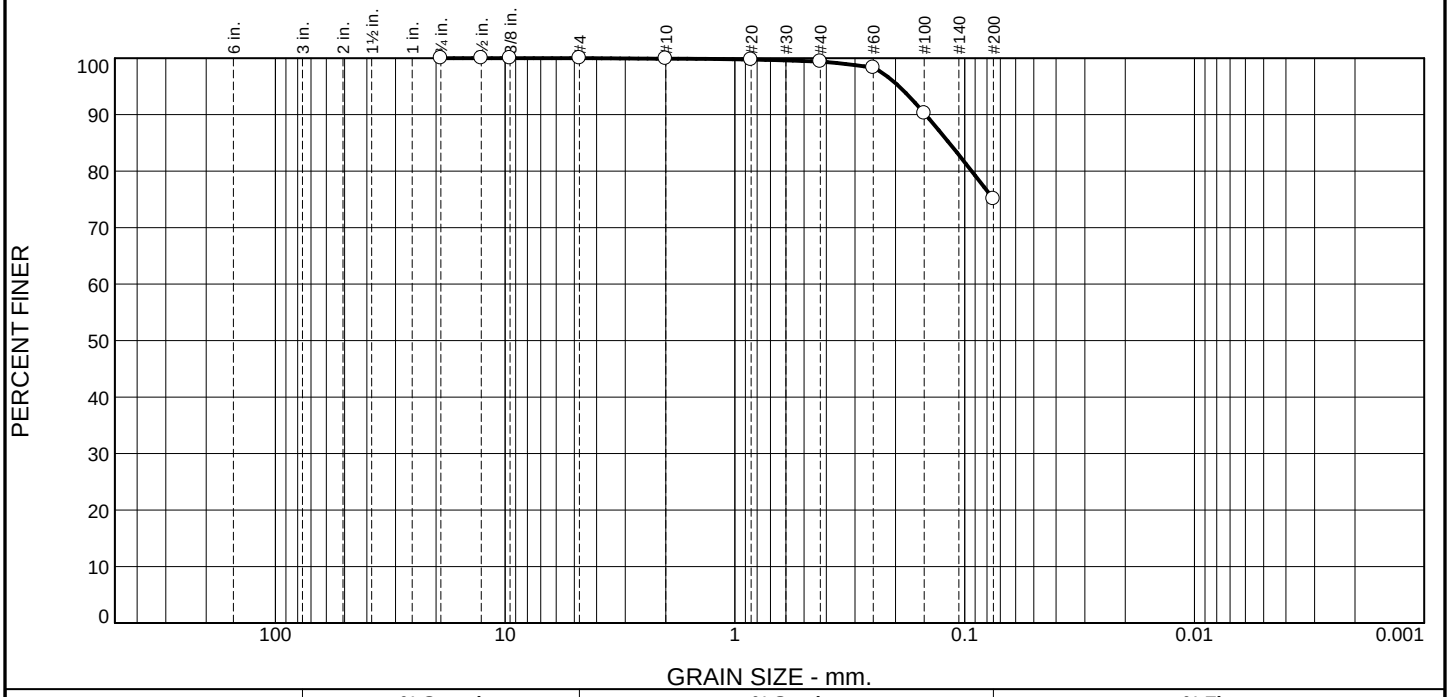
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.1	0.5	24.3	75.1	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	99.9		
#20	99.8		
#40	99.4		
#60	98.3		
#100	90.3		
#200	75.1		

* (no specification provided)

Material Description

SILT, inorganic-H, little fine-grained sand-sized quartz, (MH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= **LL=** **PI=**

Classification

USCS (D 2487)= **AASHTO (M 145)=**

Coefficients

D_{90}= 0.1480 D_{85}= 0.1168 D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 59.7
Percent Solids: 40.3

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-AC
Sample Number: C

Date Sampled: 6/04/14

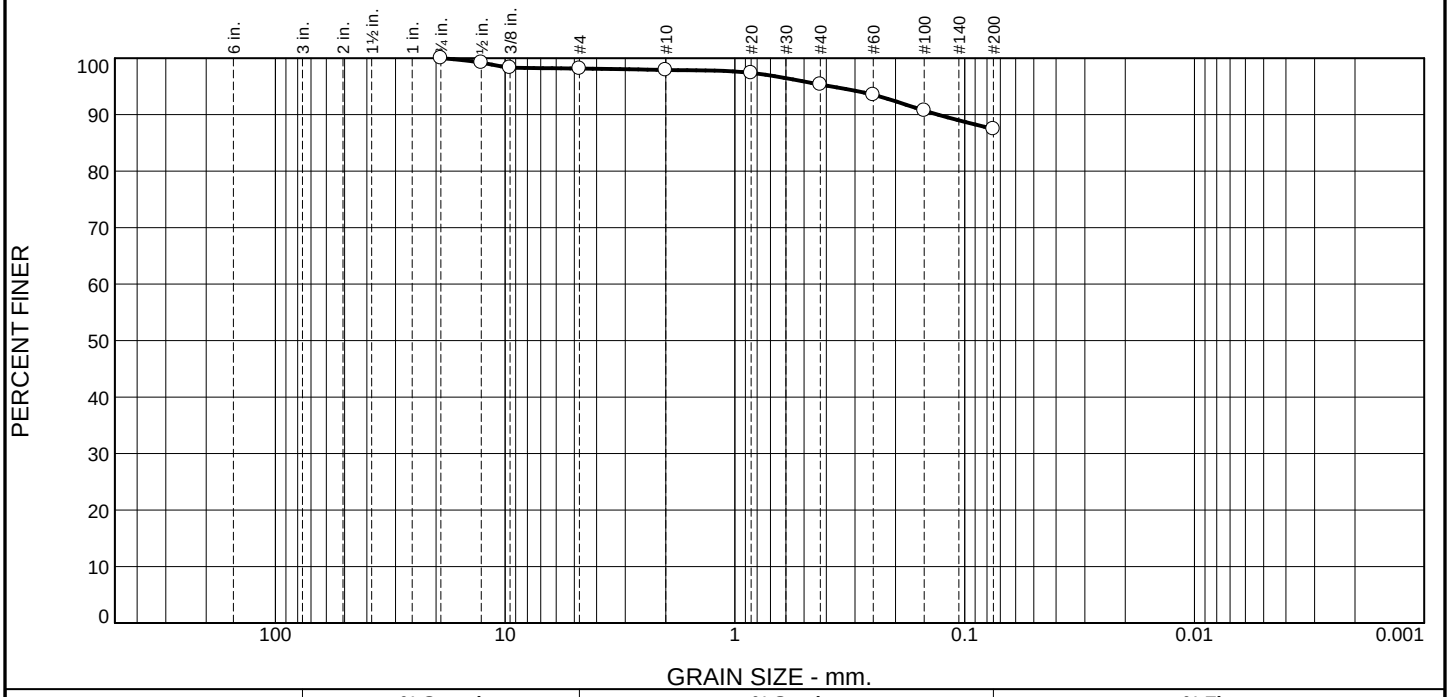
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.8	0.3	2.6	7.8	87.5	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	99.2		
3/8"	98.3		
#4	98.2		
#10	97.9		
#20	97.4		
#40	95.3		
#60	93.5		
#100	90.7		
#200	87.5		

* (no specification provided)

Material Description

SILT, inorganic-H, little fine-grained sand-sized quartz, (MH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= **LL=** **PI=**

Classification

USCS (D 2487)= **AASHTO (M 145)=**

Coefficients

D_{90}= 0.1309 D_{85}= D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 70.3
Percent Solids: 29.7

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-AC
Sample Number: D

Date Sampled: 6/04/14

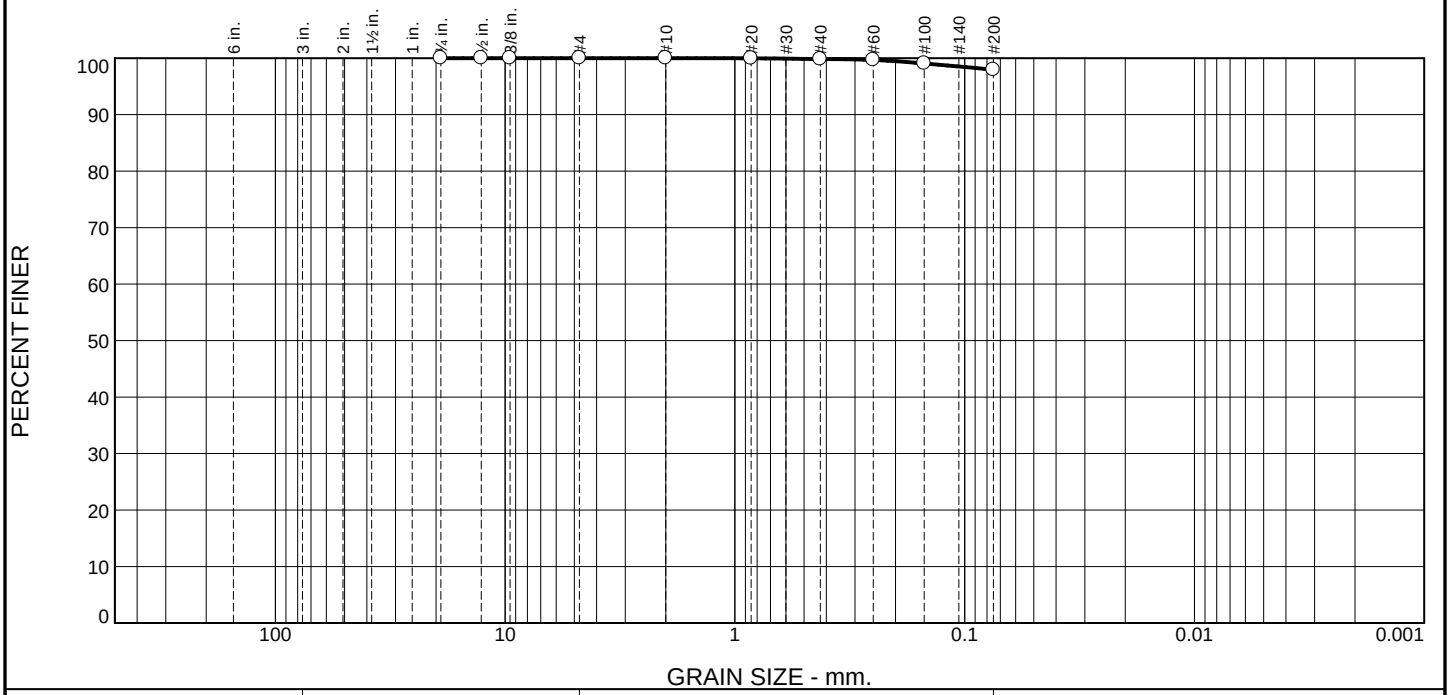
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.1	1.9	98.0	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	100.0		
#20	100.0		
#40	99.9		
#60	99.7		
#100	99.1		
#200	98.0		

* (no specification provided)

Material Description

SILT, inorganic-H, trace quartz, (MH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= **LL=** **PI=**

Classification

USCS (D 2487)= **AASHTO (M 145)=**

Coefficients

D_{90}= D_{85}= D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 69.2
Percent Solids: 30.8

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-AC
Sample Number: E

Date Sampled: 6/04/14

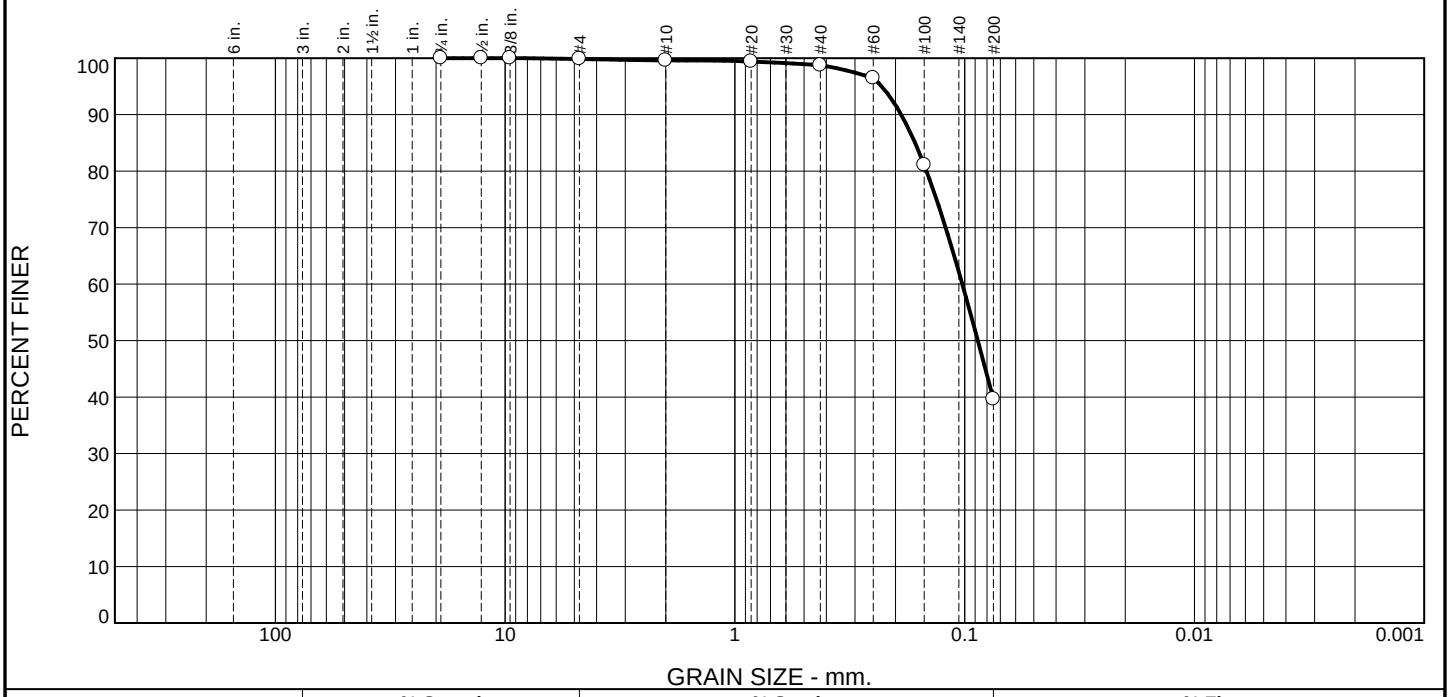
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.1	0.3	0.8	59.1	39.7	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	99.9		
#10	99.6		
#20	99.4		
#40	98.8		
#60	96.5		
#100	81.1		
#200	39.7		

* (no specification provided)

Material Description

SAND, silty, mostly fine-grained sand-sized quartz, some silt, (SM)
Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= **LL=** **PI=**

Classification

USCS (D 2487)= **AASHTO (M 145)=**

Coefficients

D_{90}= 0.1889 D_{85}= 0.1644 D_{60}= 0.1024
D_{50}= 0.0876 D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 39.2
Percent Solids: 60.8

Date Received: 6/13/14 **Date Tested:** 6/24/14
Tested By: D. Newman
Checked By: Corey T. Chascin, E.I.
Title: Staff Engineer

Location: SYC14-AC
Sample Number: F

Date Sampled: 6/04/14

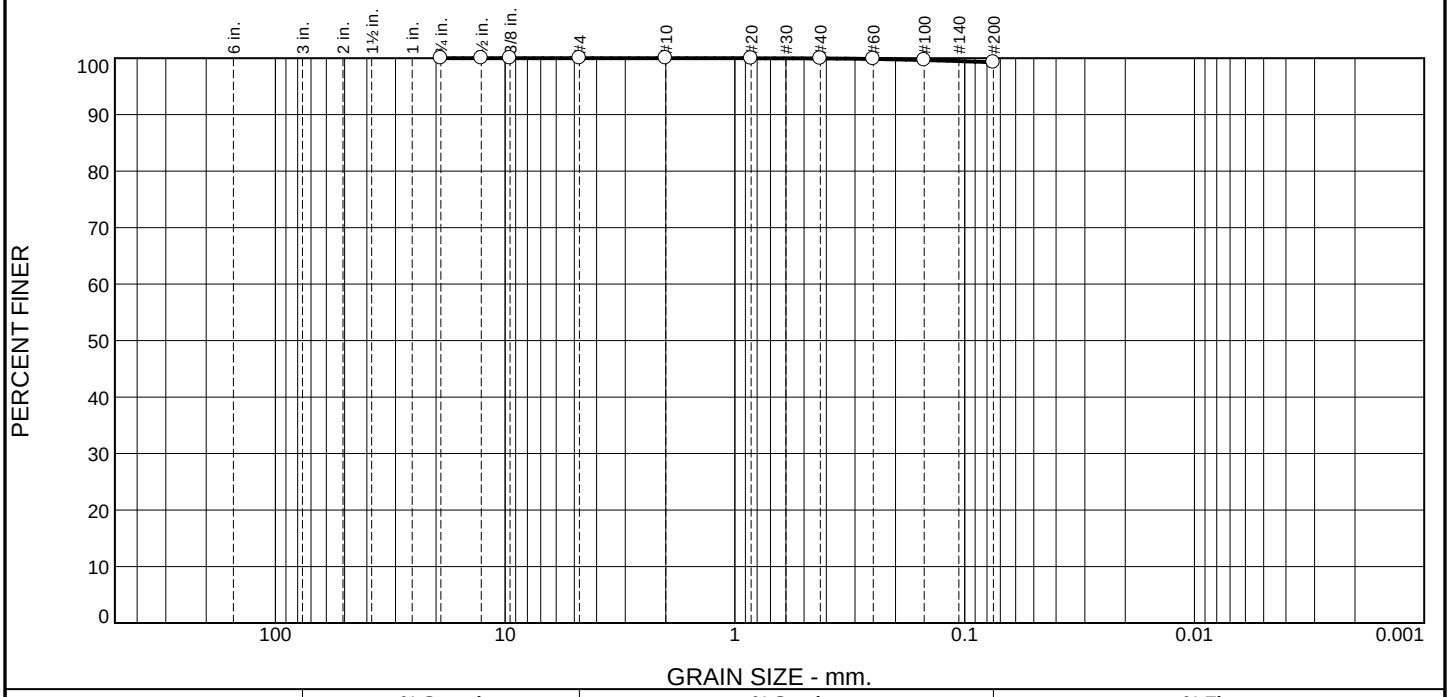
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.1	0.6	99.3	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	100.0		
#20	100.0		
#40	99.9		
#60	99.9		
#100	99.7		
#200	99.3		

* (no specification provided)

Material Description

SILT, inorganic-H, trace quartz, (MH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= AASHTO (M 145)=

Coefficients

D_{90}= D_{85}= D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 70.2
Percent Solids: 29.8

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-TB
Sample Number: A

Date Sampled: 6/02/14

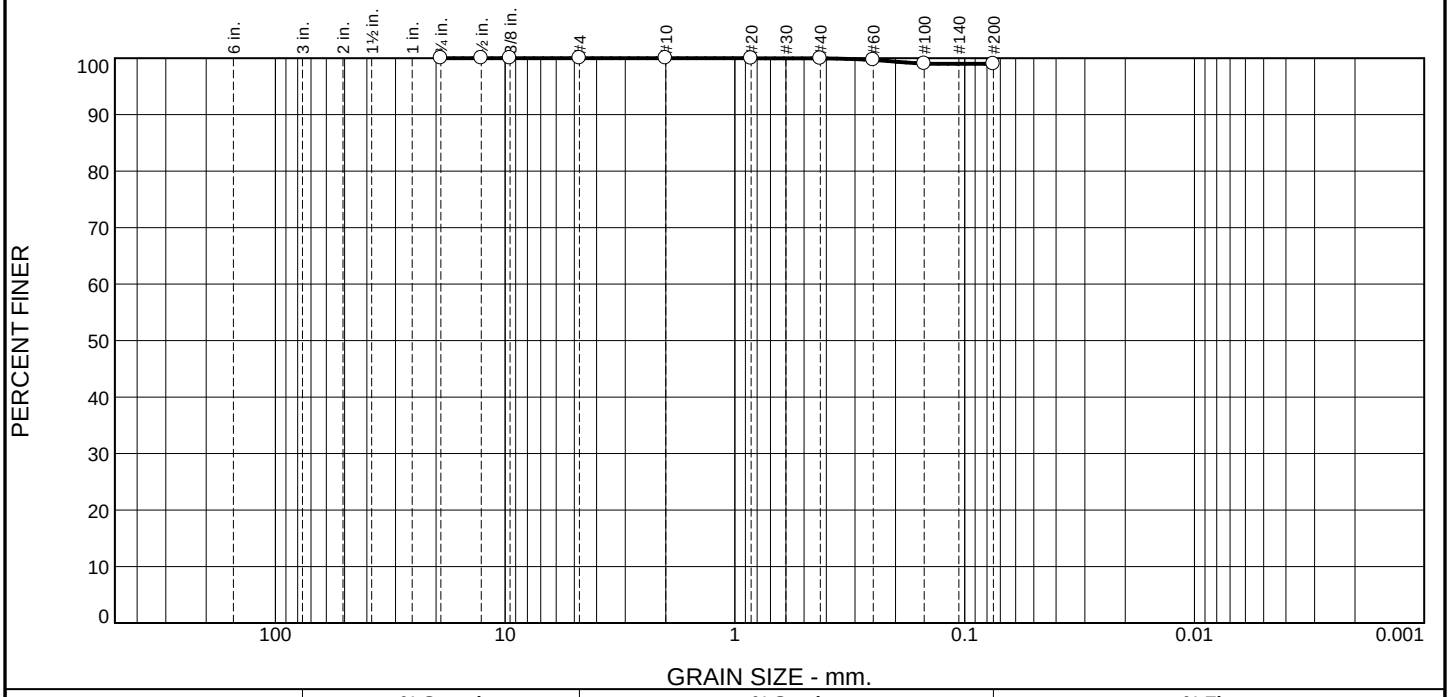
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.1	0.9	99.0	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	100.0		
#20	100.0		
#40	99.9		
#60	99.7		
#100	99.0		
#200	99.0		

* (no specification provided)

Material Description

SILT, inorganic-H, trace quartz, (MH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= **LL=** **PI=**

Classification

USCS (D 2487)= **AASHTO (M 145)=**

Coefficients

D_{90}= D_{85}= D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 70.7
Percent Soldis: 29.3

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-TB
Sample Number: B

Date Sampled: 6/02/14

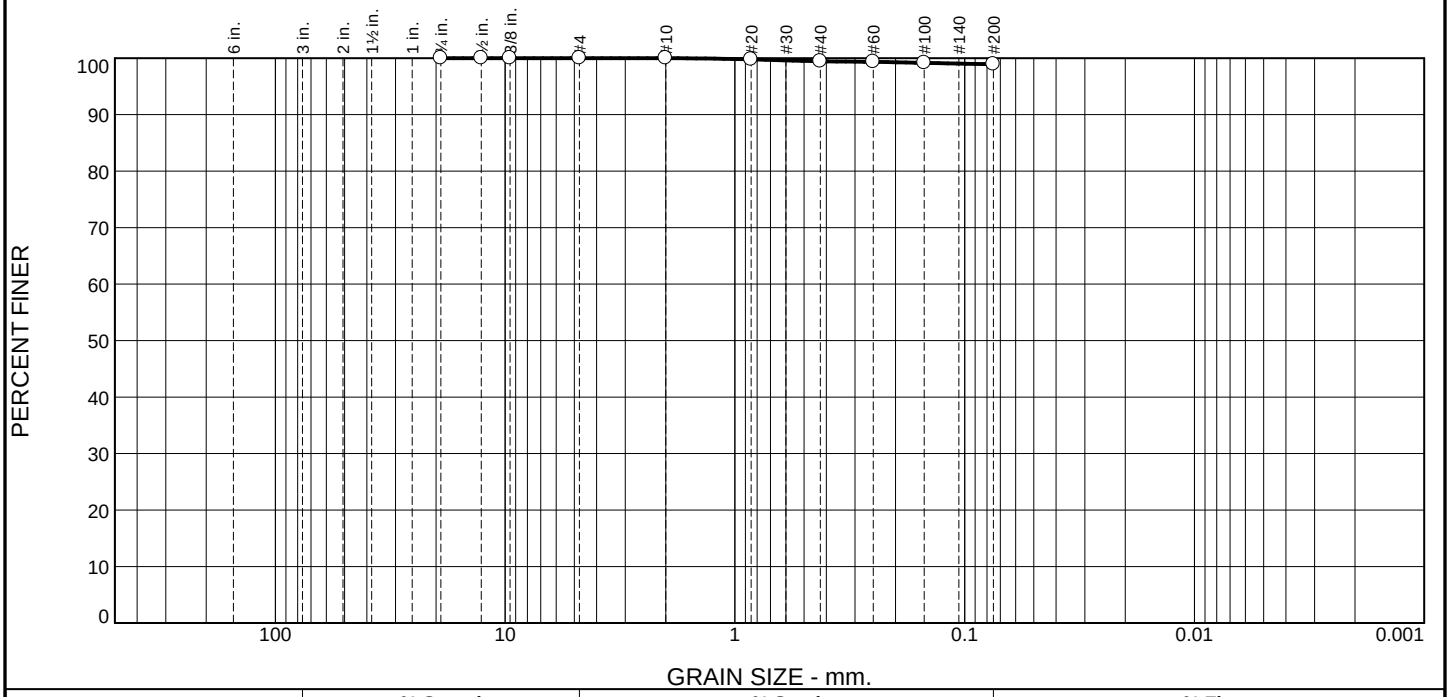
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.5	0.6	98.9	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	100.0		
#20	99.8		
#40	99.5		
#60	99.3		
#100	99.2		
#200	98.9		

* (no specification provided)

Material Description

SILT, inorganic-H, trace quartz, (MH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= **LL=** **PI=**

Classification

USCS (D 2487)= **AASHTO (M 145)=**

Coefficients

D_{90}= D_{85}= D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 71.4
PErcent Solids: 28.6

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-TB
Sample Number: C

Date Sampled: 6/02/14

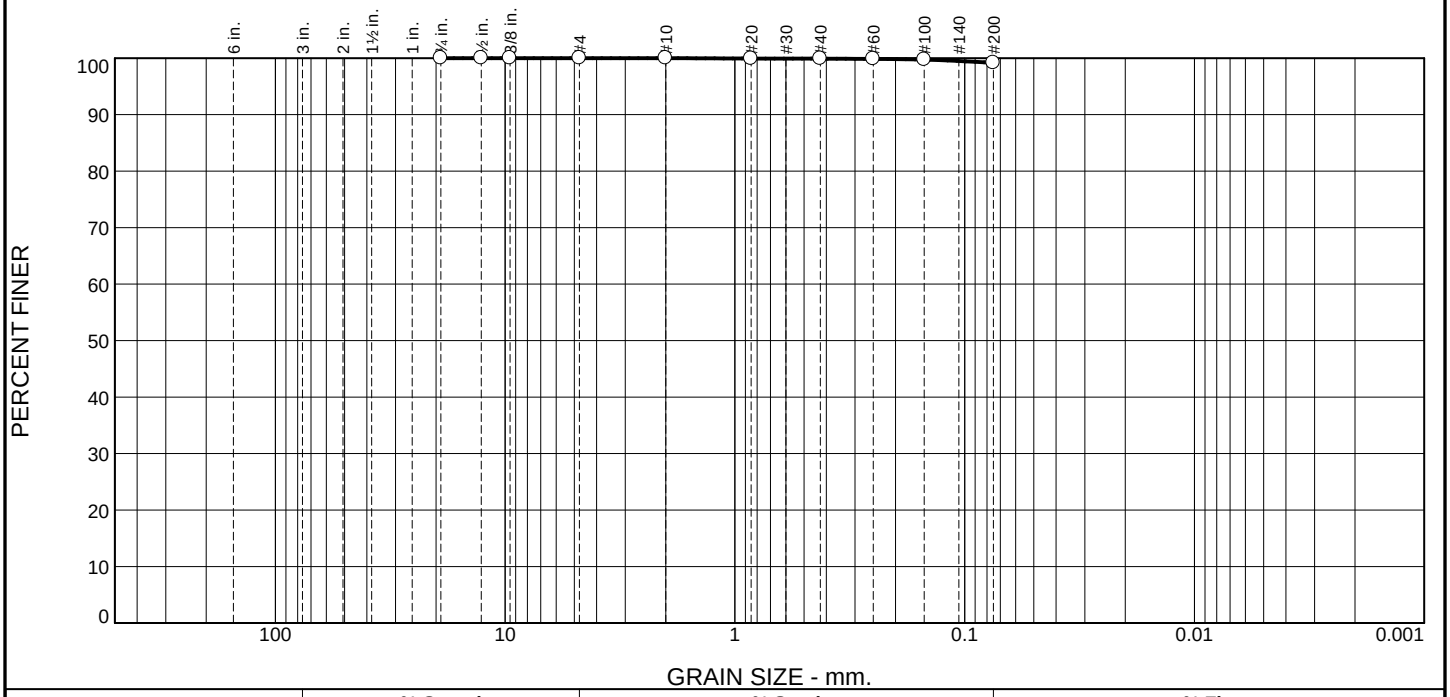
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.1	0.7	99.2	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	100.0		
#20	99.9		
#40	99.9		
#60	99.9		
#100	99.7		
#200	99.2		

* (no specification provided)

Material Description

SILT, inorganic-H, trace quartz, (MH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= AASHTO (M 145)=

Coefficients

D_{90}= D_{85}= D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 72.6
Percent Solids: 27.4

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-TB2
Sample Number: D

Date Sampled: 6/02/14

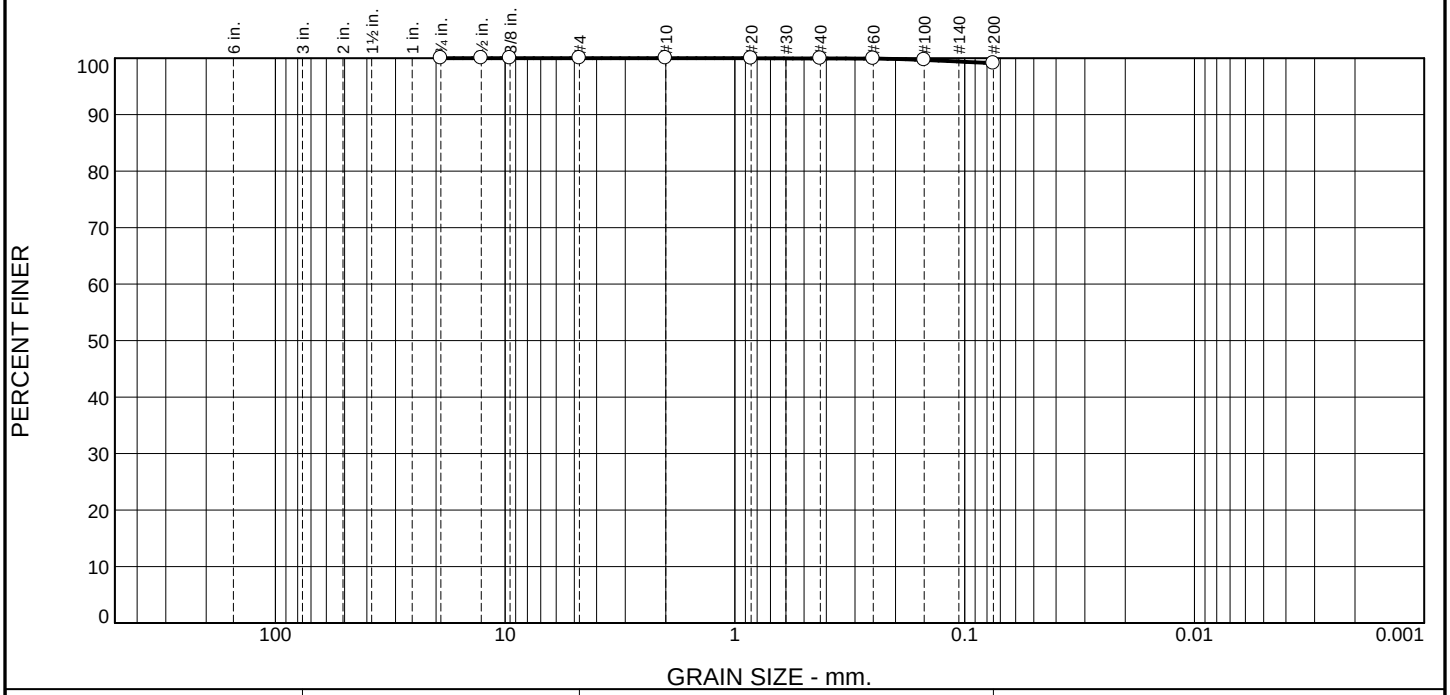
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.1	0.8	99.1	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	100.0		
#20	100.0		
#40	99.9		
#60	99.9		
#100	99.7		
#200	99.1		

* (no specification provided)

Material Description

SILT, inorganic-H, trace quartz, (MH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= AASHTO (M 145)=

Coefficients

D_{90}= D_{85}= D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 70.6
Percent Solids: 29.4
Specific Gravity: N/A

Date Received: 6/13/14 **Date Tested:** 6/24/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-TB2
Sample Number: E

Date Sampled: 6/02/14

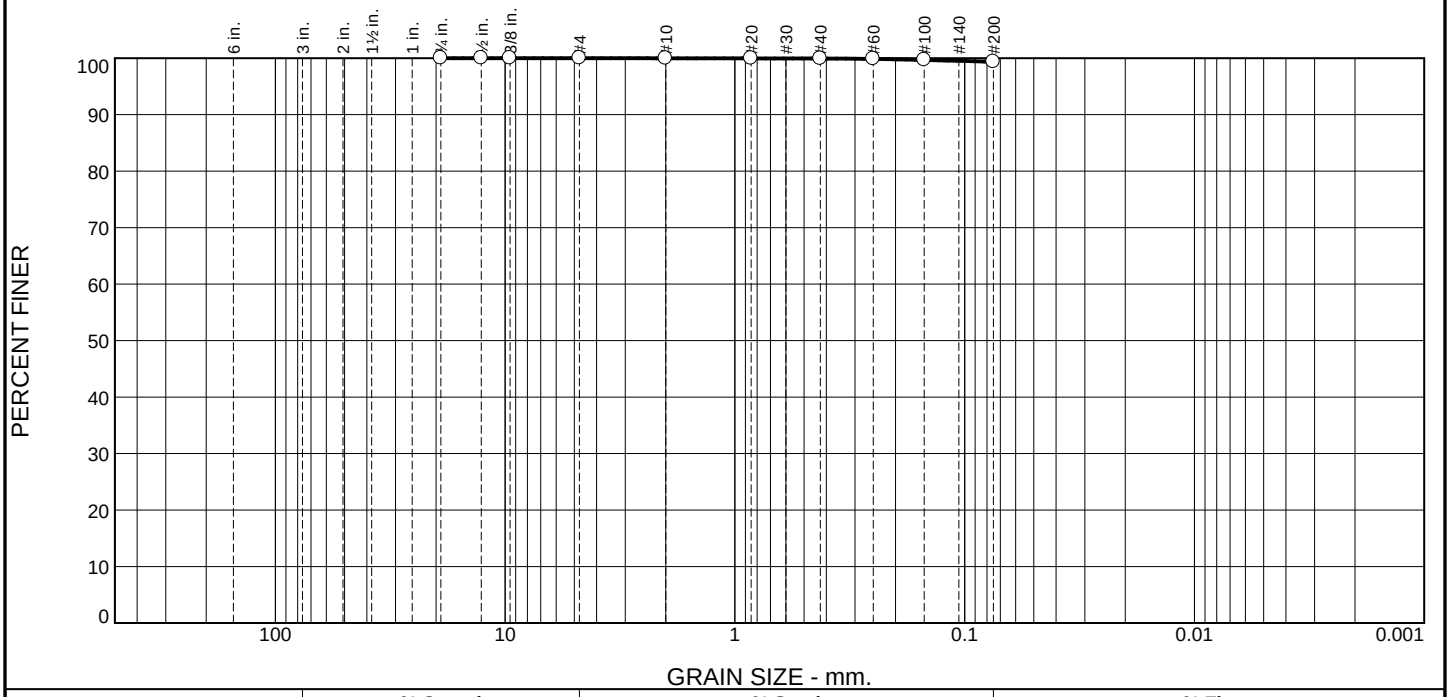
AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.1	0.5	99.4	

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100.0		
1/2"	100.0		
3/8"	100.0		
#4	100.0		
#10	100.0		
#20	100.0		
#40	99.9		
#60	99.9		
#100	99.7		
#200	99.4		

* (no specification provided)

Material Description

SILT, inorganic-H, trace quartz, (MH) Dark Greenish Gray

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= AASHTO (M 145)=

Coefficients

D_{90}= D_{85}= D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Percent Moisture: 73.5
Percent Solids: 26.5

Date Received: 6/13/14 **Date Tested:** 6/27/14

Tested By: D. Newman

Checked By: Corey T. Chascin, E.I.

Title: Staff Engineer

Location: SYC14-TB2
Sample Number: F

Date Sampled: 6/2/14

AMEC E&I

Jacksonville, Florida

Client: ANAMAR
Project: Shipyard Creek MPRSA 103

Project No: 6738105056.27 **Figure**