

ATLANTIC TESTING LABORATORIES

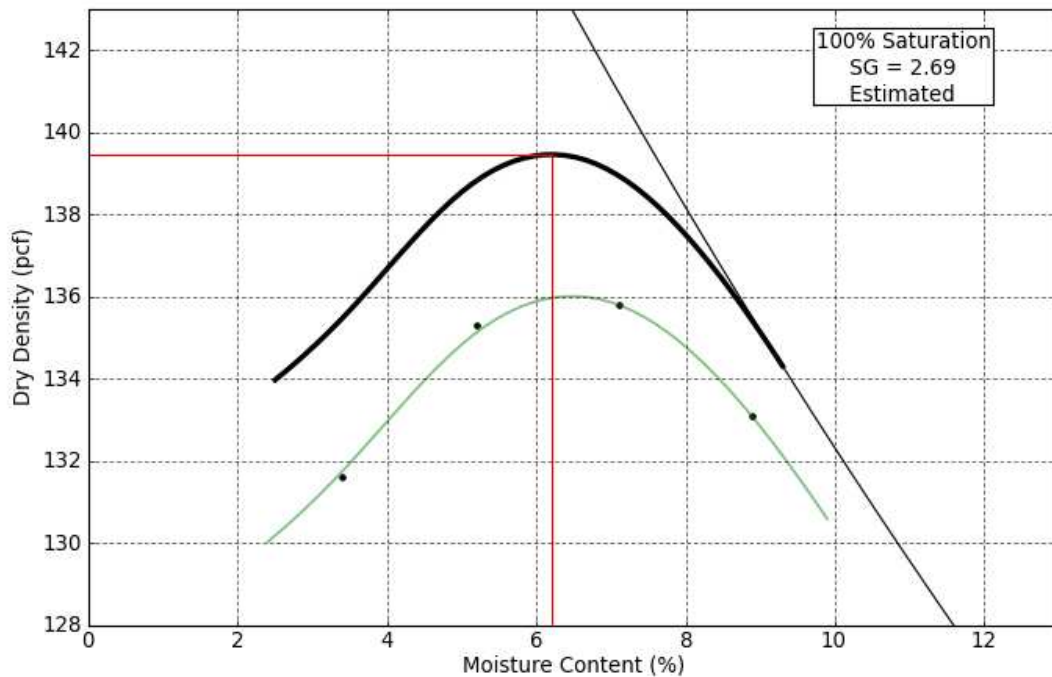
LABORATORY COMPACTION TEST REPORT No.: ET3113SL-005-07-18 Rev 2

WBE certified company

Client: Beach and Bonaparte Engineering P.C.
Project: Elmira High School
Elmira, New York

Sample Date: July 10, 2018
Sampled By: T. Cleary
Service Order No.: 6922
Sample No.: 6922

Location: Edger Enterprises - Brewer Pit



— Corrected • - Uncorrected

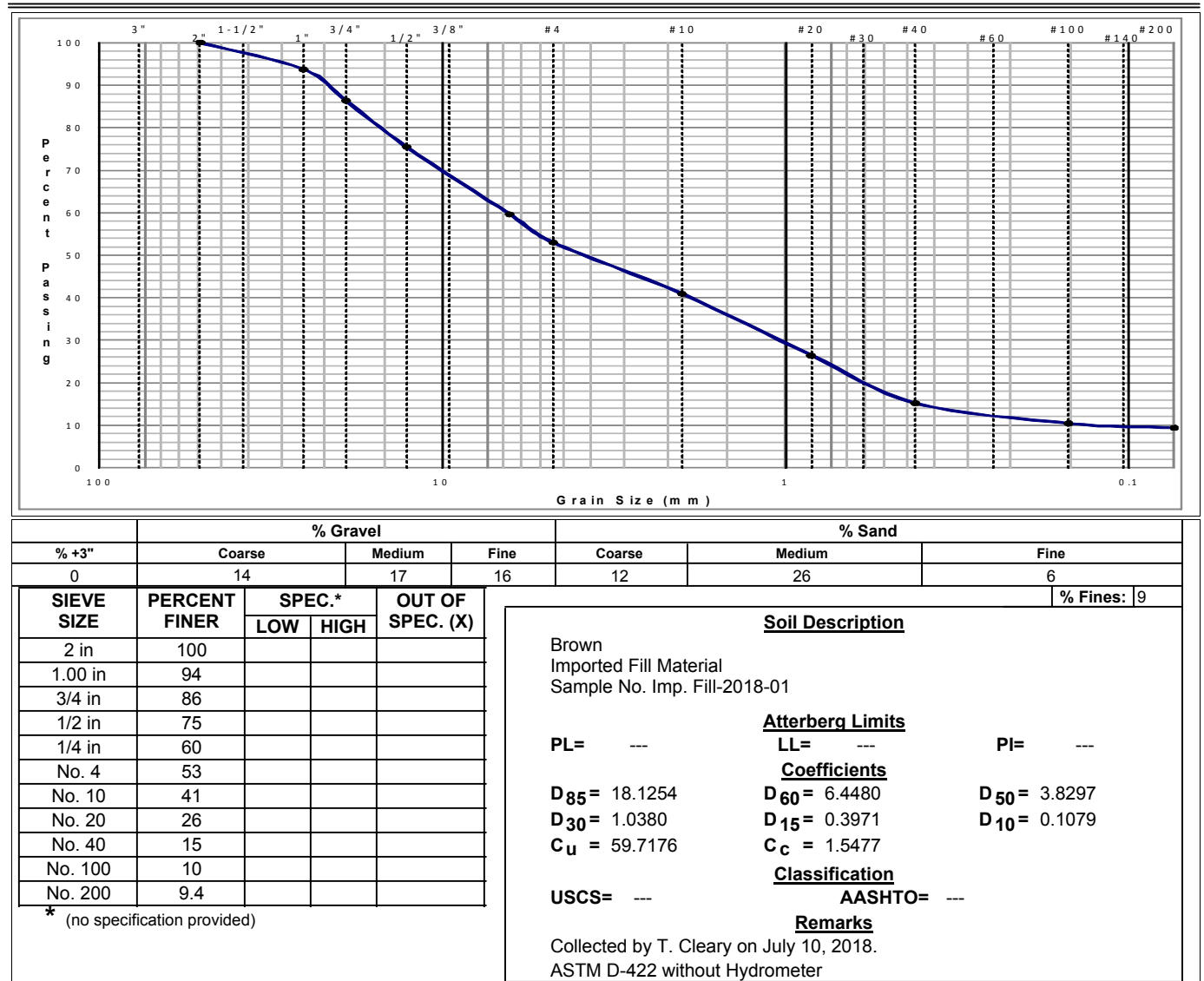
Elev/ Depth	Classification		Received Moist.	Bulk Sp.G.	Oversize Sp.G.	Atterberg Limits			% > 3/4 in.
	USCS	AASHTO				LL	PL	PI	
--	---	---	--	2.66	2.67	--	--	--	14
CORRECTED TEST RESULTS						MATERIAL DESCRIPTION			
Maximum dry density (pcf) = 139.5 Optimum moisture (%) = 6.2						Brown Imported Fill Material Sample No. Imp. Fill-2018-01			
Source of Sample: Edger Enterprises - Brewer Pit Sp.G.: Estimated Prep Method: Moist Rammer: Manual									
Remarks: Collected by T. Cleary on July 10, 2018. Test Specification: ASTM D-698 (12) Method-C, ASTM D-4718									

PARTICLE SIZE ANALYSIS REPORT

Client: Beach and Bonaparte Engineering P.C.
 Project: Elmira High School
 Elmira, New York

Sample Date: July 10, 2018
 Sampled By: T. Cleary
 Service Order No.: 6922
 Sample No.: 6922

Location: Edger Enterprises - Brewer Pit



Reviewed by: Kay J. L.

Date: Aug 06, 2018

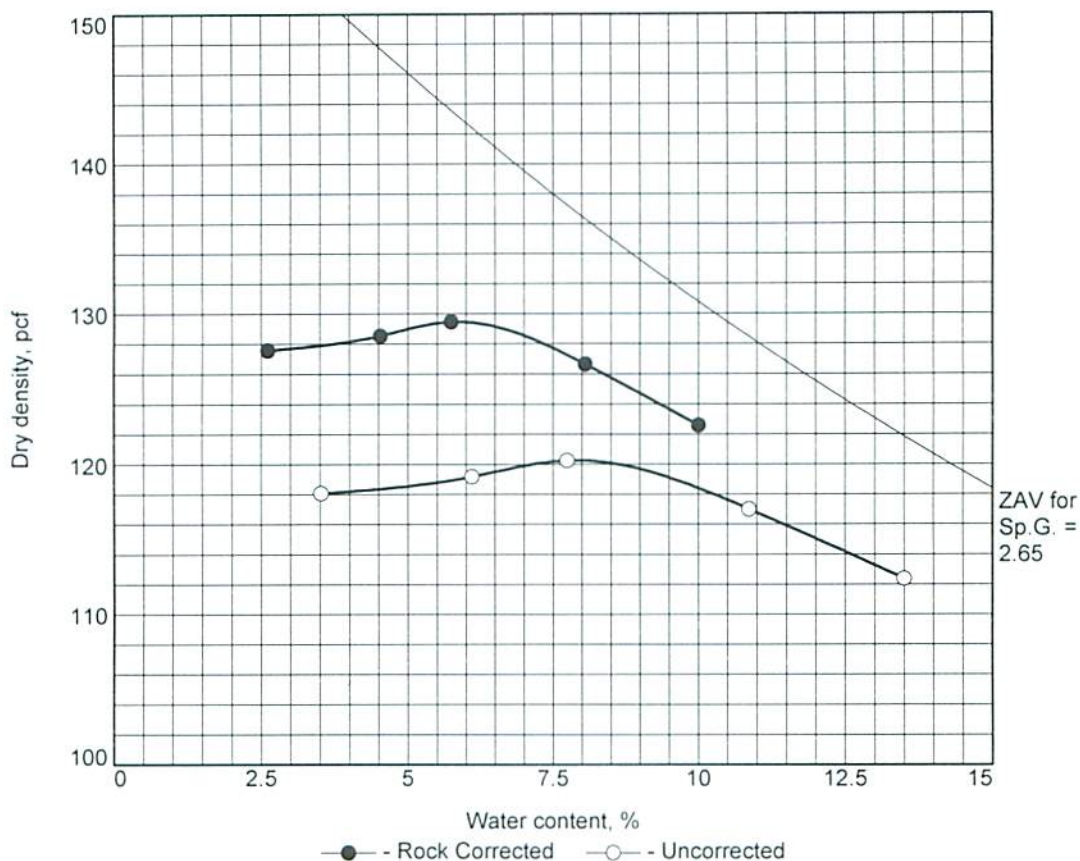


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WBE certified company

Binghamton
126 Park Avenue
Suite 1A
Binghamton, NY 13903
607-773-1812 (T)
atlantictesting.com

COMPACTION TEST REPORT



Test specification: ASTM D 698-12 Method C Standard
ASTM D4718-15 Oversize Corr. Applied to Each Test Point

Elev/ Depth	Classification		Received Moist.	Sp.G.	LL	PL	PI	% > 3/4 in.
	USCS	AASHTO						
				2.65	--	--	--	26

ROCK CORRECTED TEST RESULTS		MATERIAL DESCRIPTION
Maximum dry density = 129.5 pcf		Dark Brown Recycled Native Material
Optimum moisture = 5.8 %		
Report No.: ET3113SL-03-07-18 Client: Beech & Bonaparte Engineers, PC		Remarks: Sample collected by T. Cleary, Jr. on 07/10/18. Moist Preparation
Project: Elmira High School		
Sample No.: ET3113S3 Source of Sample: On-site Soil		
Location: TRM1-2018-01 (SE) Date: 07/10/18		
ATLANTIC TESTING LABORATORIES, LIMITED		Rammer: Mechanical Specific Gravity: Assumed
Canton, New York		

Reviewed by: Ky S L

Date: 7/24/18

Albany ♦ Canton ♦ Elmira ♦ Plattsburgh ♦ Poughkeepsie ♦ Rochester ♦ Syracuse ♦ Utica ♦ Watertown

Particle Size Distribution Report

Project: Elmira High School

Report No.: ET3113SL-03-07-18

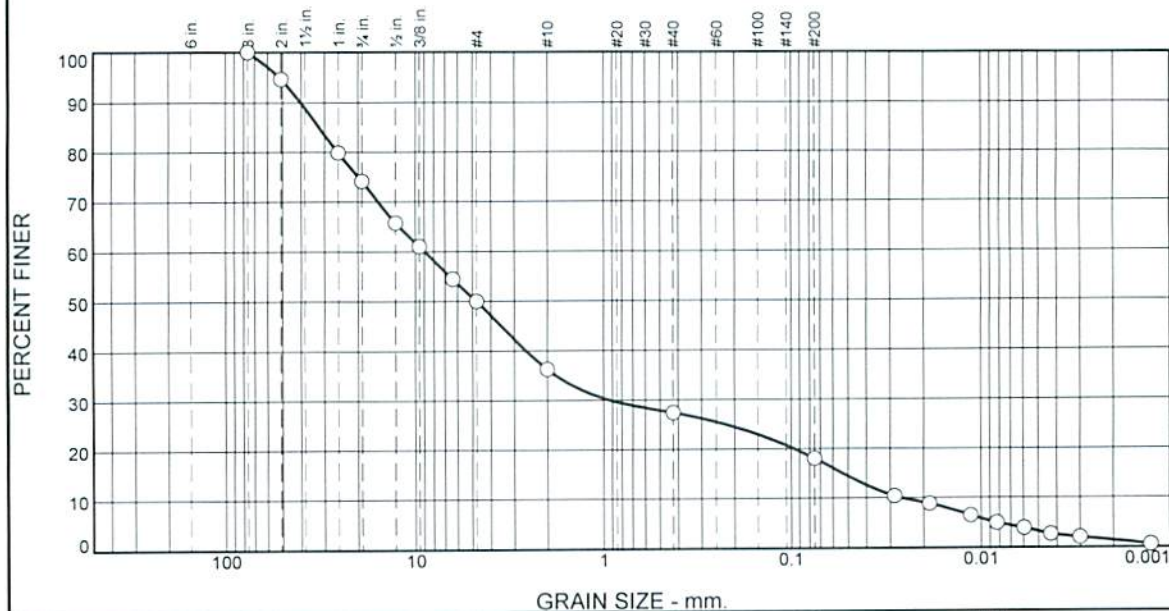
Client: Beech & Bonaparte Engineers, PC

Date: 07/24/18

Sample No: ET3113S3 **Source of Sample:** On-site Soil

Location: TRM1-2018-01 (SE)

Elev./Depth:



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0	26	24	14	9	9	15	3

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC. (X)
3"	100		
2"	95		
1"	80		
3/4"	74		
1/2"	66		
3/8"	61		
1/4"	54		
#4	50		
#10	36		
#40	27		
#200	18		

* (no specification provided)

Soil Description

Dark Brown Recycled Native Material

Atterberg Limits

PL= -- LL= -- PI= --

Coefficients

D₈₅= 32.0526 D₆₀= 8.9418 D₅₀= 4.7537
 D₃₀= 0.9268 D₁₅= 0.0534 D₁₀= 0.0261
 C_u= 342.41 C_c= 3.68

Classification

USCS= AASHTO=

Remarks

Collected by T. Cleary, Jr. on 07/10/2018.
ASTM D 422

Figure

ATLANTIC TESTING LABORATORIES, LIMITED

Reviewed by: Kay L L

Date: 7/24/18