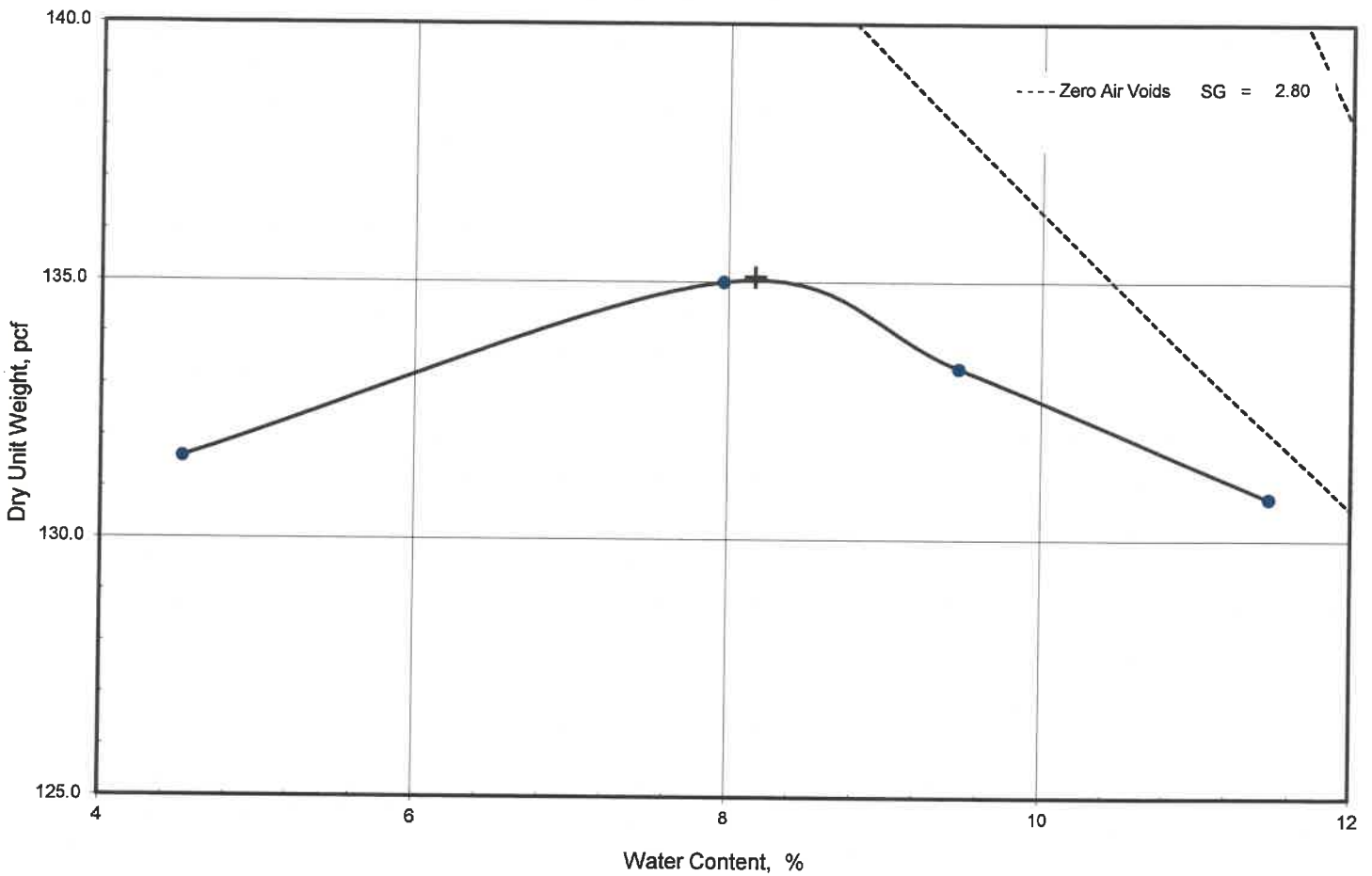



Laboratory Compaction Characteristics of Soil Using Standard Effort



Optimum Moisture Content	8.2	%	Preparation	ASTM dry preparation method
Maximum Dry Unit Weight	135.1	pcf	Type of rammer	Manual - 5.5lb (24.5N)
			Test Specification / Method	VTM-1
			Specific gravity - D854 water pycnometer	2.80 Historical
Cumulative material retained on:			Coarse Aggregate Specific Gravity -	
	3/4 in. sieve	0.0		
	3/8 in. sieve	%		
	#4 sieve	%		

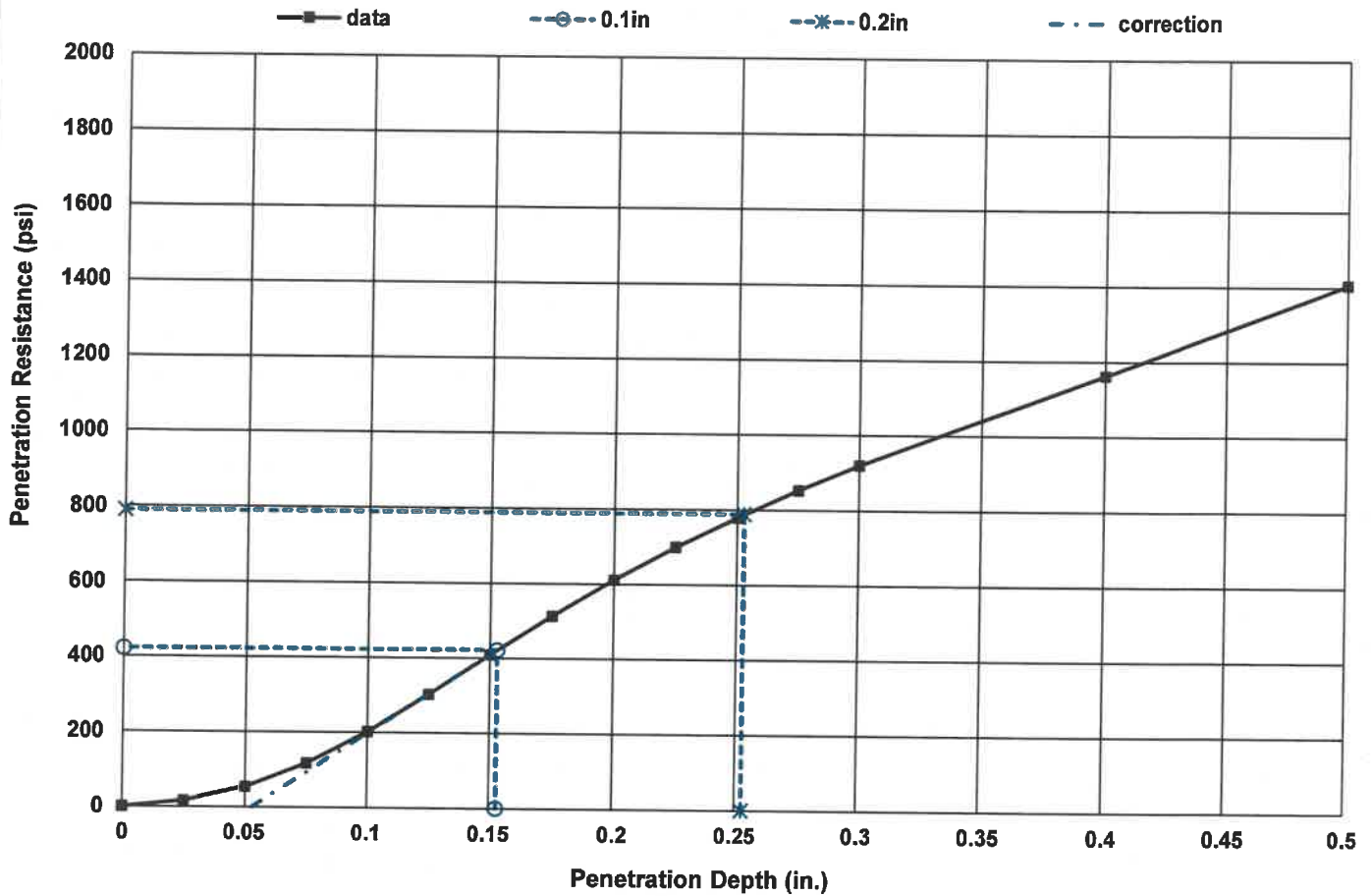
Soil Description	Nat. Moist. %	Liquid Limit	Plasticity Index	%< #200	USCS	AASHTO
#10 Screenings						

Project: Boxley Laboratory Testing 2022 Client: Boxley Materials Sample / Source: Lawyers Road Test Reference/No.:	Project No.: 12:18511-A Depth (ft.): 0 - 2 Sample No.: D4S-13 Date Reported: 1/27/2023
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	Office / Lab	Address	Office Number / Fax
	ECS Mid-Atlantic LLC - Roanoke	7670 Enon Drive Suite 101 Roanoke, VA 24019	(540)362-2000 (540)362-1202

Tested by	Checked by	Approved by	Date Received	Remarks
JGeil	JMurphy	JMurphy		

California Bearing Ratios (CBR) of Laboratory-Compacted Soils



TEST RESULTS (VTM-8)

Molded			Soaked			CBR (%)		Linearity Correction (in.)	Surcharge (lbs.)	Swell (%)			
Density (pcf)	Percent of Max. Dens.	Moisture (%)	Density (pcf)	Percent of Max. Dens.	Moisture (%)	0.1 in.	0.2 in.						
133.3	98.7	7.1	131.9	97.6	7.9	42.2	52.6	0.05	10	0.33			
Material Description						AASHTO	USCS	MAX. Dens. (pcf)	Optimum Moisture (%)	LL	PI	% Fines	% Gravel
#10 Screenings													

Project: Boxley Laboratory Testing 2022
 Client: Boxley Materials
 Sample / Source: Lawyers Road
 Test Reference/No.: 1

Project No.: 12:18511-A
 Depth (ft.): 0 - 2
 Sample No.: D4S-13
 Date Reported: 1/27/2023



Office / Lab	Address	Office Number / Fax
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