

Client:	RILITE AGGREGATES	Project Number.:	1009
Client Contact:	CHRIS BENNA	Lab Number:	33724
Project Name:	AGGREGATE TESTING	Material:	STRUCTURAL FILL
Source:	RILITE PIT	Date Tested:	9/16/2014
Date Sampled:	9/4/2019	Date Completed:	9/19/2019
Sampled By:	CLIENT	Reviewed By:	S. VINEIS

SOILS AND AGGREGATE TESTING

Test Method	Sieve Analysis	Percent Passing	2016 SSPWC Specification
NEV T206	4 Inch		100
	3 Inch		
	2 Inch		
	1 1/2 Inch	100	
	1 Inch	90	
	3/4 Inch	81	70-100
	1/2 inch	67	
	3/8 Inch	60	
	No. 4	46	
	No. 8	37	
	No. 10	35	
	No. 16	30	
	No. 30	25	
	No. 40	23	15-65
	No. 50	20	
	No. 100	16	
	No. 200	11.6	5-20
	Fineness Modulus	15.9	

*DOES NOT MEET SPECIFICATIONS

MATERIAL PROPERTIES

Test & Test Method	Sample Results	Specifications
Liquid Limit ASTM D4318	32	
Plasticity Index ASTM D4318	8	

*DOES NOT MEET SPECIFICATIONS

MOISTURE DENSITY CURVE

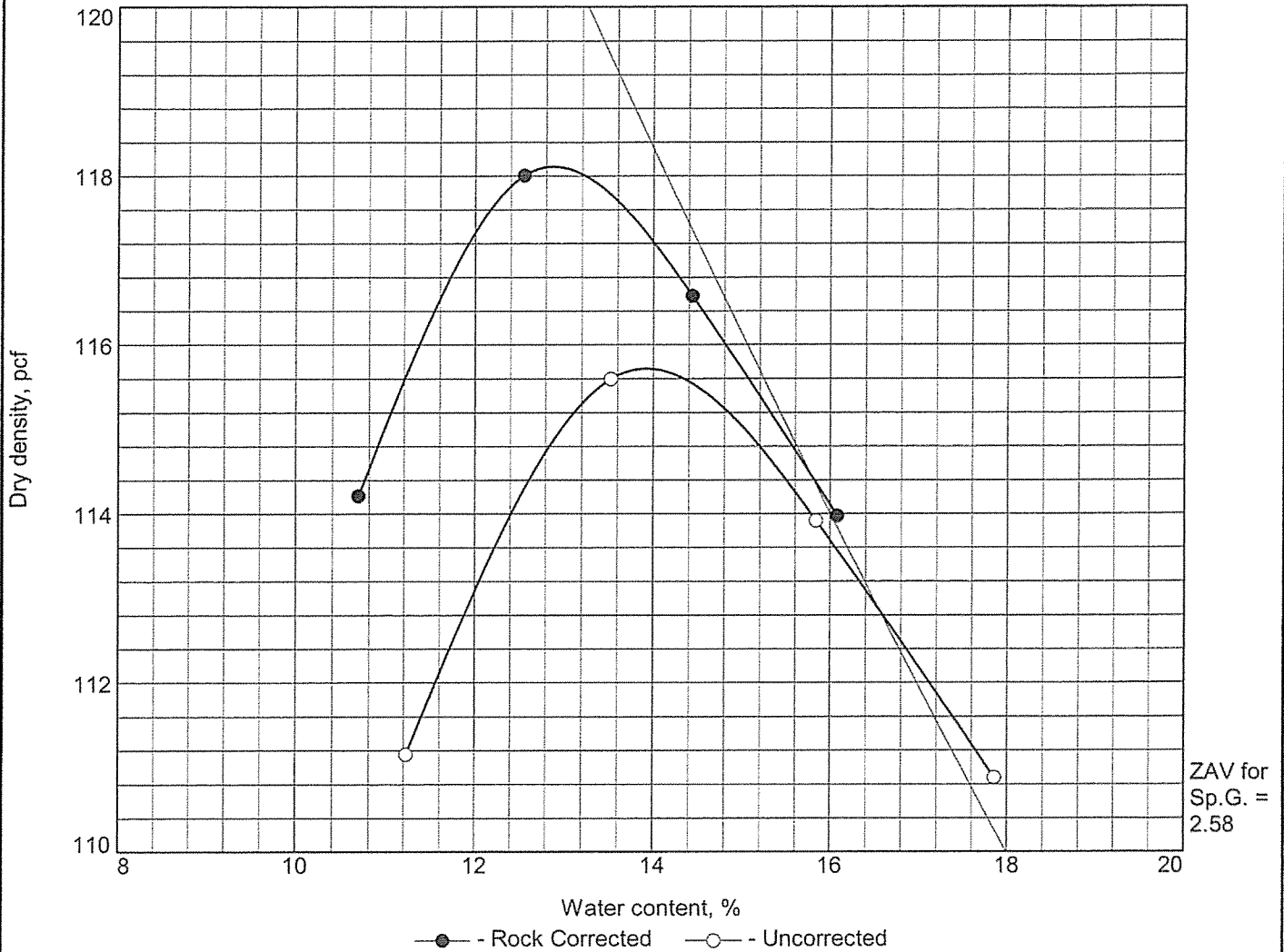
Test Type	Test Method	Sample Results	Specifications
Maximum Dry Density	ASTM D1557	118.0 pcf	-
Optimum Moisture	ASTM D1557	13.00%	-

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Construction Materials Engineers, Inc.


 Roger O Corkill Jr., PE

MOISTURE DENSITY CURVE



Test specification: ASTM D 1557-12 Method C Modified
 ASTM D4718-15 Oversize Corr. Applied to Each Test Point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
							18.6	15.9

ROCK CORRECTED TEST RESULTS	UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 118.0 pcf	115.5 pcf	STRUCTURAL FILL RILITE PIT RILITE AGGREGATES
Optimum moisture = 13.0 %	14.0 %	

Project No. 1009 Client: RILITE AGGREGATES Project: RILITE AGGREGATES-QUALITY TESTING ○ Location: PLANT STOCKPILE Sample Number: 33724	Remarks: RECEIVED 9/12/2019

Figure

Tested By: R. BLAIR Checked By: S. VINEIS