

Client:	A&K Earthmovers	Project Number.:	1013
Client Contact:	Mike Hyatt	Lab Number:	33241
Project Name:	Annual Quality Testing	Material:	Class A Backfill
Source:	Bella Vista Pit	Date Tested:	3/25/2019
Date Sampled:	3/25/2019	Date Completed:	3/27/2019
Sampled By:	Client	Reviewed By:	S. Vineis

SOILS AND AGGREGATE TESTING

Test Method	Sieve Analysis	Percent Passing	2016 SSPWC Specification
ASTM C136/C117	4 Inch	-	-
	3 Inch	-	-
	2 Inch	-	-
	1 1/2 Inch	-	-
	1 Inch	-	-
	3/4 Inch	-	-
	1/2 inch	-	-
	3/8 Inch	100	100
	No. 4	92	90-100
	No. 8	66	-
	No. 10	60	-
	No. 16	45	-
	No. 30	32	-
	No. 40	28	-
	No. 50	24	10-40
	No. 100	19	3-20
	No. 200	14.9	0-15
	Fineness Modulus		

*DOES NOT MEET SPECIFICATIONS

MATERIAL PROPERTIES

Test & Test Method	Sample Results	2016 SSPWC Specification
Liquid Limit ASTM D4318	No Value	-
Plasticity Index ASTM D4318	Non-plastic	6 Max.

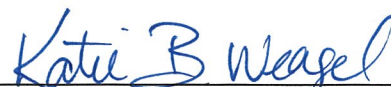
*DOES NOT MEET SPECIFICATIONS

MOISTURE DENSITY CURVE

Test Type	Test Method	Sample Results	Specifications
Maximum Dry Density	ASTM D1557	122.3 psf	-
Optimum Moisture	ASTM D1557	11.6%	-

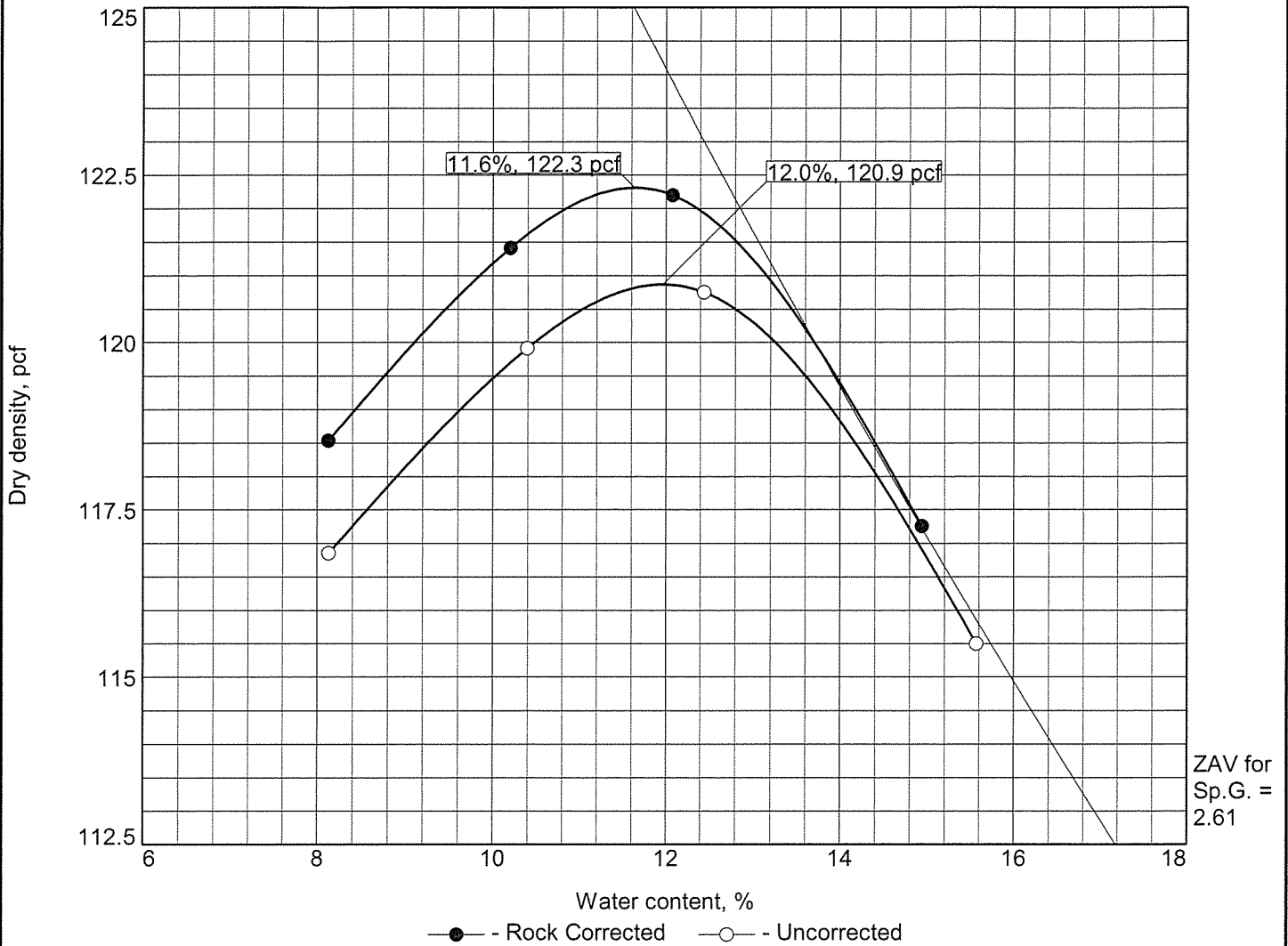
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Construction Materials Engineers, Inc.



Katie B. Weagel, PE

COMPACTION TEST REPORT



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

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > #4	% < No.200
	USCS	AASHTO						
							8.4	14.9

ROCK CORRECTED TEST RESULTS	UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 122.3 pcf	120.9 pcf	CLASS A BACKFILL BELLA VISTA PIT A & K EARTHMOVERS
Optimum moisture = 11.6 %	12.0 %	

Project No. 1013 Client: A & K EARTHMOVERS, INC. Project: ANNUAL QUALITY TESTING Location: PLANT STOCKPILE Sample Number: 33241	Remarks: RECEIVED 3/25/2019
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Figure

Tested By: G. MORALES Checked By: S. VINEIS