

Client:	A & K EARTHMOVERS, INC.	Project Number.:	1013
Client Contact:	COLTON HIATT	Lab Number:	34481
Project Name:	ANNUAL QUALITY TESTING	Material:	CLASS A BACKFILL
Source:	GOLDEN VALLEY PIT	Date Tested:	7/14/2020
Date Sampled:	7/13/2020	Date Completed:	7/17/2020
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	97	90-100
	No. 8	78	-
	No. 10	73	-
	No. 16	56	-
	No. 30	37	-
	No. 40	31	-
	No. 50	25	10-40
	No. 100	17	3-20
No. 200	12.2	0-15	
	Fineness Modulus		

MATERIAL PROPERTIES

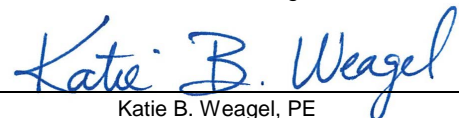
Test & Test Method	Sample Results	2016 SSPWC Specification
Liquid Limit ASTM D4318	NO VALUE	-
Plasticity Index ASTM D4318	NONPLASTIC	6 Max.

MOISTURE DENSITY CURVE

Test Type	Test Method	Sample Results	Specifications
Maximum Dry Density	ASTM D1557	133.4 pcf	-
Optimum Moisture	ASTM D1557	7.0%	-

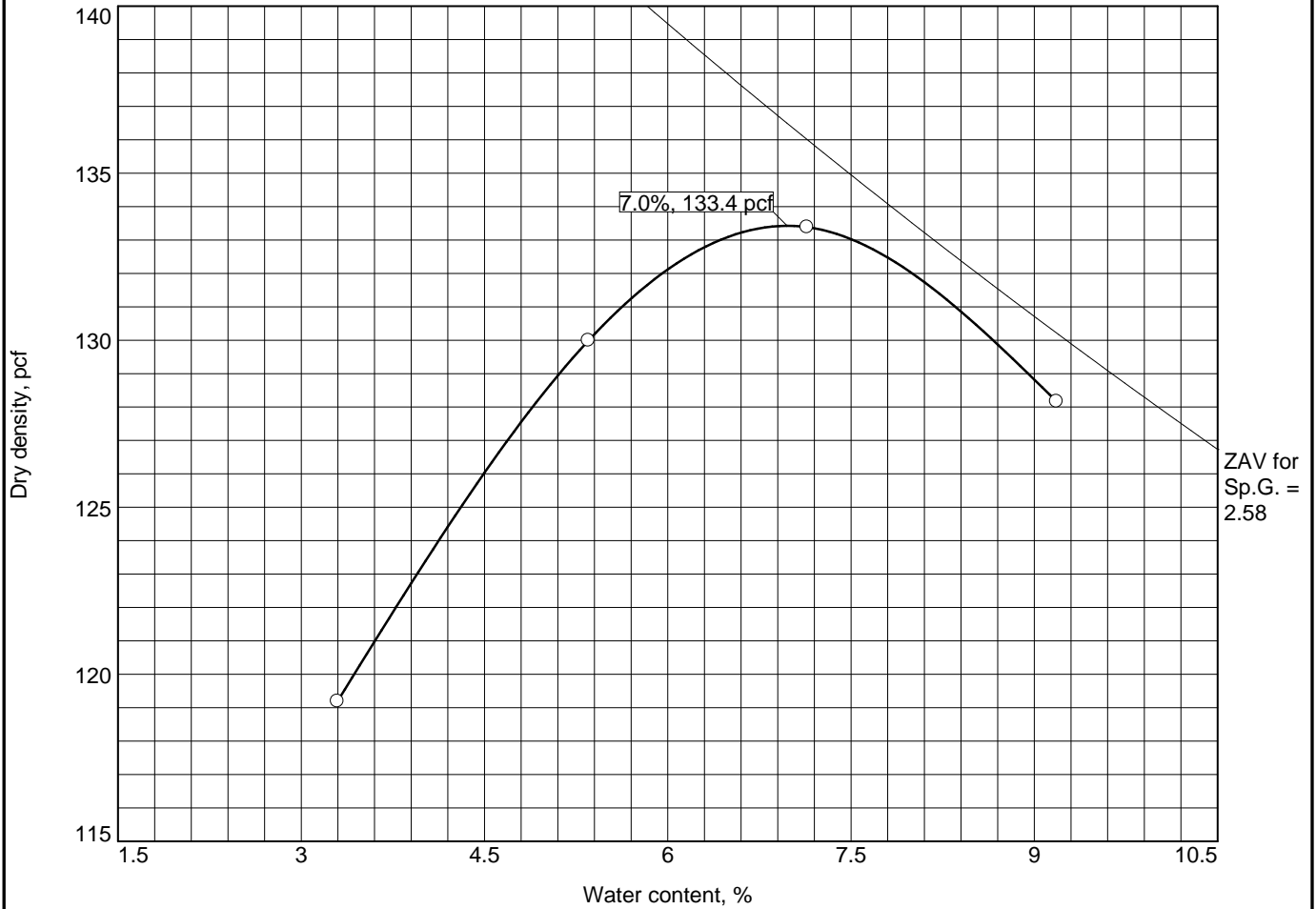
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Construction Materials Engineers, Inc.



Katie B. Weagel, PE

MOISTURE DENSITY CURVE



Test specification: ASTM D 1557-12 Method B Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/8 in.	% < No.200
	USCS	AASHTO						
							0.0	12.2

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 133.4 pcf Optimum moisture = 7.0 %	CLASS A BACKFILL GOLDEN VALLEY PIT A & K EARTHMOVERS, INC.
Project No. 1013 Client: A & K EARTHMOVERS, INC. Project: ANNUAL QUALITY TESTING Location: PLANT STOCKPILE Sample Number: 34481	Remarks: RECEIVED 7/13/2020

Figure

Tested By: M. PONTONI Checked By: S. VINEIS