

Client:	A & K EARTHMOVERS, INC.	Project Number.:	1013
Client Contact:	JOHN DEMARTIN	Lab Number:	36257
Project Name:	TUCKER FDR PIT	Material:	CLASS A BACKFILL
Source:	TUCKER FDR PIT	Date Tested:	3/17/2022
Date Sampled:	3/17/2022	Date Completed:	3/22/2022
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	96	90-100
	No. 8	89	-
	No. 10	87	-
	No. 16	79	-
	No. 30	62	-
	No. 40	52	-
	No. 50	40	10-40
	No. 100	20	3-20
No. 200	9.9	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

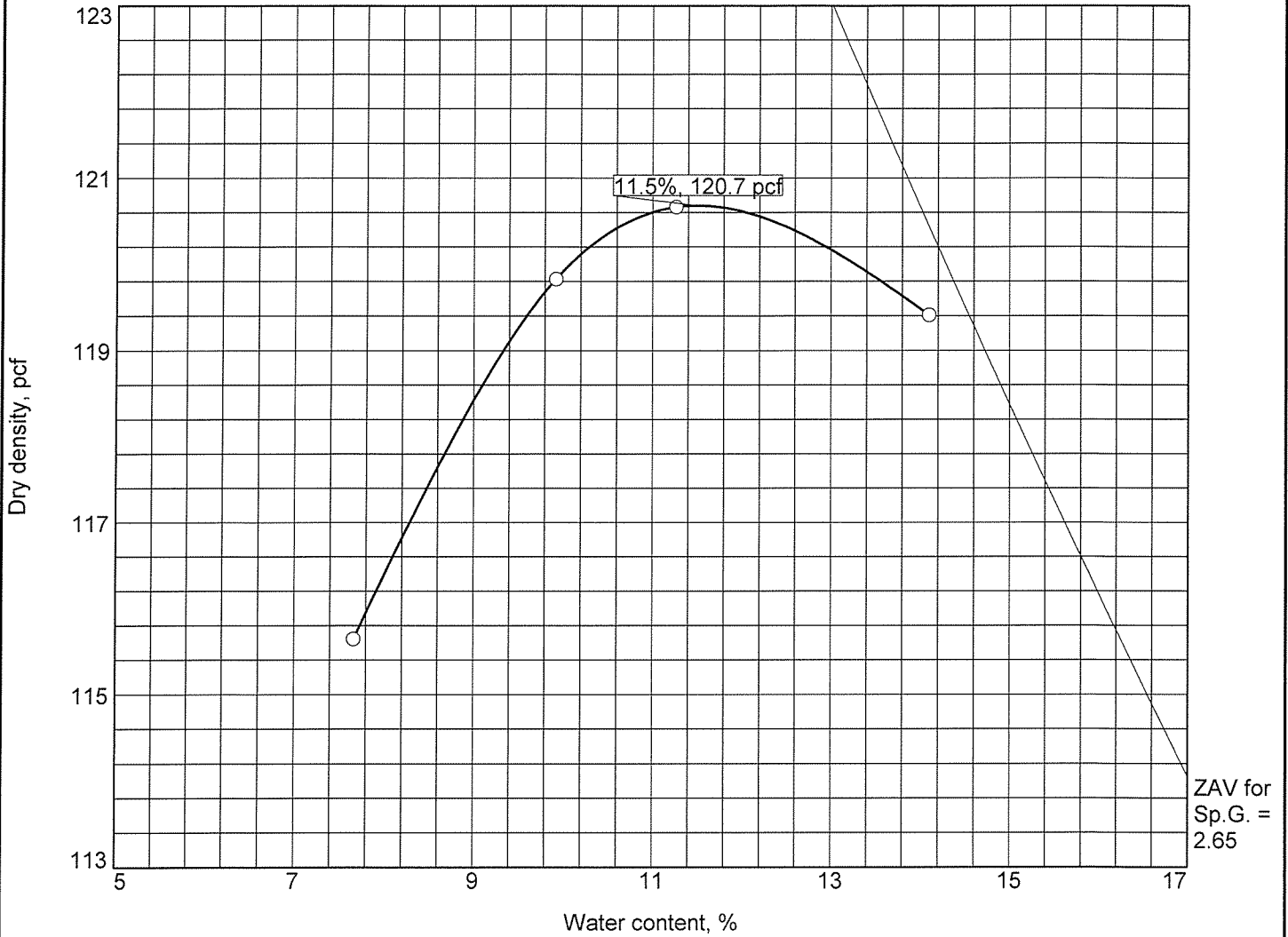
Test Type	Test Method	Sample Results	Specifications
Maximum Dry Density	ASTM D1557	120.7 pcf	-
Optimum Moisture	ASTM D1557	11.5%	-

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Construction Materials Engineers, Inc.

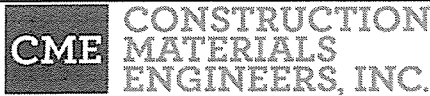
Roger O Corkill Jr., PE

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						
							0.1	

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 120.7 pcf Optimum moisture = 11.5 %	CLASS A BACKFILL SAND FARM DISTRICT ROAD PIT
Project No. 1013 Client: A & K EARTHMOVERS, INC. Project: ANNUAL QUALITY TESTING ○ Location: STOCKPILE Sample Number: 36257	Remarks: RECEIVED ON 3/17/22
	Figure

Tested By: B. SEYMOUR

Checked By: S. SCHWEITZER