

Client:	A&K EARTHMOVERS, INC.	Project Number.:	1013
Client Contact:	John DeMartin	Lab Number:	36595
Project Name:	TAO	Material:	CLASS A BEDDING SAND
Source:	GOLDEN VALLEY PIT	Date Tested:	6/30/2022
Date Sampled:	6/30/2022	Date Completed:	7/5/2022
Sampled By:	CLIENT	Reviewed By:	S. SCHWEITZER

### 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	93	90-100
	No. 8	73	
	No. 10	67	
	No. 16	51	
	No. 30	34	
	No. 40	28	
	No. 50	22	10-40
No. 100	14	3-20	
No. 200	9.7	0-15	

### MATERIAL PROPERTIES

Test & Test Method	Sample Results	2016 SSPWC Specification
Liquid Limit ASTM D4318	NP	-
Plasticity Index ASTM D4318	NP	6 Maximum

### MOISTURE DENSITY CURVE

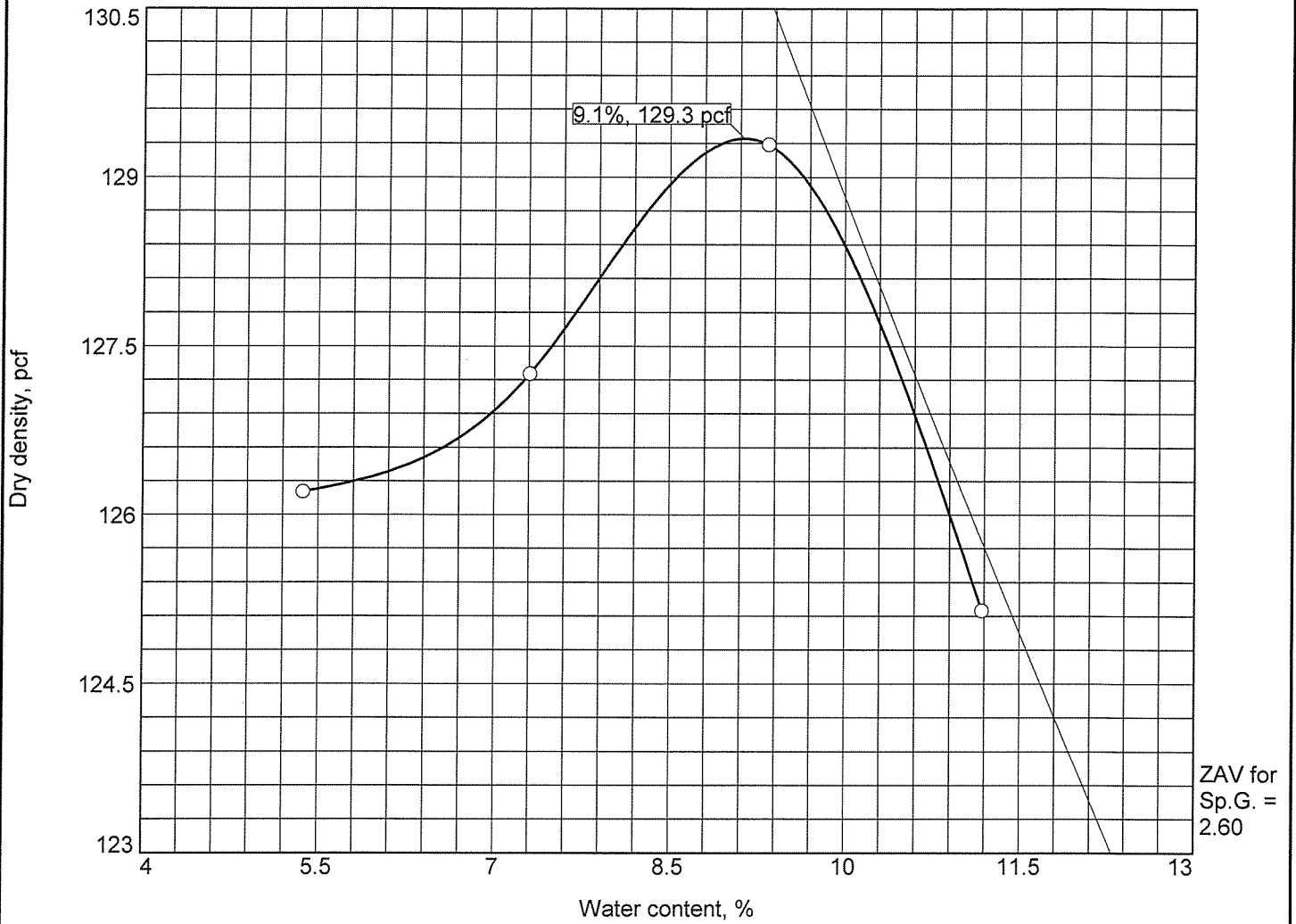
Test Type	Test Method	Sample Results	Specifications
Maximum Dry Density	ASTM D1557	129.3 pcf	-
Optimum Moisture	ASTM D1557	9.1%	-

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Construction Materials Engineers, Inc.

  
 Steve Vineis

# MOISTURE DENSITY CURVE

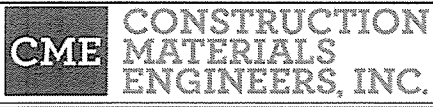


Test specification: ASTM D 1557-12 Method B Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/8 in.	% < No.200
	USCS	AASHTO						
							0	

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 129.3 pcf Optimum moisture = 9.1 %	CLASS A BEDDING SAND GOLDEN VALLEY PIT SAND

<b>Project No.</b> 1013 <b>Client:</b> A & K EARTHMOVERS, INC. <b>Project:</b> FARM DISTRICT ROAD, STRUCTURAL FILL  ○ <b>Loc.:</b> STOCKPILE AT GOLDEN VALLEY PIT <b>Sample No.:</b> 36595	<b>Remarks:</b> RECEIVED ON 6/30/22
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Figure

Tested By: J. MILLER      Checked By: S. SCHWEITZER