

Client:	A & K EARTHMOVERS, INC.	Project Number.:	1013
Client Contact:	MIKE HIATT/ ANDREW SPUEHLER	Lab Number:	33169
Project Name:	TUCKER PIT AGGREGATE TESTING	Material:	CLASS C BACKFILL
Source:	TUCKER PIT	Date Tested:	2/7/2019
Date Sampled:	2/7/2019	Date Completed:	2/11/2019
Sampled By:	CLIENT	Reviewed By:	R. CORKILL

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	100	100
	3/4 Inch	99	90-100
	1/2 inch	43	
	3/8 Inch	17	10-55
	No. 4	7	0-10
	No. 8	6	
	No. 10	6	
	No. 16	6	
	No. 30	6	
	No. 40	5	
	No. 50	5	
	No. 100	4	
	No. 200	2.6	
	Fineness Modulus		

*DOES NOT MEET SPECIFICATIONS

MATERIAL PROPERTIES

Test & Test Method	Sample Results	2016 SSPWC Specification
Bulk Specific Gravity - Coarse ASTM C127		
Absorption % ASTM C127		
Bulk Specific Gravity - Fine ASTM C128		
Absorption % ASTM C127		
Liquid Limit ASTM D4318		
Plasticity Index ASTM D4318		
Los Angeles Rattler ASTM C131	19.50%	37 MAXIMUM
Cleanness Value CT 227		
Unit Weight - Rodded ASTM C29		

*DOES NOT MEET SPECIFICATIONS

MOISTURE DENSITY CURVE

Test Type	Test Method	Sample Results	Specifications
Maximum Dry Density	ASTM D1557		-
Optimum Moisture	ASTM D1557		-

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Construction Materials Engineers, Inc.



Steve Vineis