

MATERIALS TEST REPORT FOR

Bulldog Field Equipment

Report to: Bulldog Field Equipment

Chad Kropff 4250 Longwood Ave. Roanoke, VA 24017 Date Received Aug-13-2020
Date Reported Aug-24-2020
Condition of Sample Normal

Particle Size Evaluation*

Lab ID#	Sample Name	% Sand 2.0 - 0.05 mm	% Silt 0.05-0.002mm	% Clay < 0.002mm	Silt : Clay Ratio	USDA Textural Classification	Dry Color	
46190-2	Infield Mix	71.4	11.3	17.3	0.7	Sandy Loam	10YR 4/4 Dark Yellowish Brown	
Ballfield Guidelines**		60 - 75	-	≥ 13	≤ 1	-	-	

^{**}Guidelines developed by Dr. Norm Hummel

	1	% Passing mm (US sieve)								
Lab ID#	Sample Name	Gravel 6.3 (1/4")	Gravel 4.0 (5)	Gravel 2.0 (10)	V. Coarse 1.0 (18)	Coarse 0.5 (35)	Medium 0.25 (60)	Fine 0.15 (100)	V. Fine 0.05 (270)	
46190-2	Infield Mix	100.0	100.0	99.6	97.6	85.9	46.6	31.3	28.7	
ASTM F2107 Standard Guide for Skinned Areas			85 - 100	62 - 90	48 - 84	38 - 71	27 - 60	19 - 40		

		% Retained***							
Lab ID#	Sample Name	Gravel 6.3 (1/4")	Gravel 4.0 (5)	Gravel 2.0 (10)	V. Coarse 1.0 (18)	Coarse 0.50 (35)	Medium 0.25 (60)	Fine 0.10 (140)	V. Fine 0.05 (270)
46190-2	Infield Mix	0.0	0.0	0.4	2.0	11.7	39.5	16.9	1.1
Ballfield Guidelines**		-	0	≤ 3	-	> 50% of	total sand	-	-

^{*}ASTM F1632 Method B

Samples were tested as received and comments pertain only to the samples shown.

This report may not be reproduced in part, but only in full.

Samples were received with a transmittal letter.



^{***}Data reported using USDA definitions of soil classification



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4250 Longwood Ave. Roanoke, VA 24017 Date Received Aug-13-2020 Date Reported Aug-24-2020

Standard Proctor* and ASTM C29 (Loose Density)**

Lab ID#	Sample Name	Standard Optimum Water Content	Standard Ma Unit W	•	ASTM C29 (Loose) Dry Unit Weight	
		%	lbf/ft3	g/cc	lbf/ft3	g/cc
46190-2	Infield Mix	14.6	117.0	1.88	81.1	1.30

^{*}ASTM D698 (Method A) with automatic rammer and moist preparation.

**ASTM C29

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Sample condition upon receipt was normal.

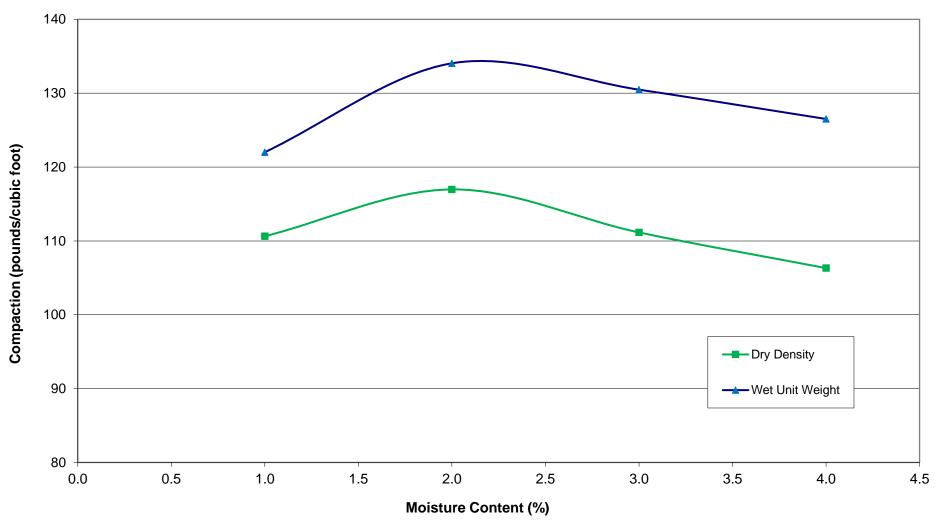
Samples were received with a transmittal letter.

Duane Otto Digitally signed by Duane Otto Date: 2020.08.24 23:26:52 -04'00'

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Standard Proctor (ASTM D698) Bulldog Field Equipment Lab ID 346190 CU Soil



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