

Density Test Report

Date : 02/21/2024
Project No : 2023C195
Client Company : Toll Bros. Inc.
Arrival Time : 02/21/2024 7:00
Onsite Hours : 08:30

ASEC Report ID : 64313
Name of the Project : Kimbal Bridge Tract
Project Location : Alpharetta
Weather : sunny
Departure Time : 02/21/2024 15:30
ASEC Technician Name : Aminullah Azimi

Test Date	Test Number	Moisture Content (%)	Dry Density (pcf)	Proctor Number	Max. Dry Density (pcf)	Optimum Moisture (%)	Compaction (%)	Specified Compaction (%)	ASTM Test Method	Pass/Fail
02/21/2024	1	14.4	106.5	24209	111.6	16.5	95.4	95	D6938	Pass
Location : Retaining wall 9 back fill, Elv/Depth :finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 85759										
02/21/2024	2	14.7	121.6	24209	111.6	16.5	95.0	95	D6938	Fail
Location : Retaining wall 9 back fill., Elv/Depth :finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 85759										
02/21/2024	3	14.7	109.4	24209	111.6	16.5	98.0	95	D6938	Pass
Location : Basement for Lot #9., Elv/Depth :finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 85759										
02/21/2024	4	17.6	95.2	SC	94.6	21.9	100.6	100	D6938	Pass
Location : Roadway in front of Lot #19,, Elv/Depth :finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 85979										
02/21/2024	5	16.6	100.4	SC	94.6	21.9	106.1	100	D6938	Pass
Location : Roadway in front of Lot #20., Elv/Depth :finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 85759										
02/21/2024	6	17.4	97.2	SC	94.6	21.9	102.7	100	D6938	Pass
Location : Lot #21, Elv/Depth :finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 85759										

Remark: Test performed in general accordance with signed referenced ASTM Method.



Ramchandra R. Mogulla
GA P.E. 036021
Senior Engineer

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PROCTOR DATA SUMMARY

TEST DATE	PROCTOR ID	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PROCTOR TYPE	SOIL DESCRIPTION
10/10/2023	24207	87.8	31.0	Standard	Red to Brown Micaceous Silty CLAY
10/10/2023	24208	110.4	16.3	Standard	Tan to Brown Micaceous Silty SAND
10/10/2023	24209	111.6	16.5	Standard	Reddish Brown Micaceous Sandy SILT
02/16/2024	SC	94.6	21.9	Standard	Soil Cement