AS Engineering and Consulting LLC

Density Test Report

Date : 08/27/2026
Project No : 2025C244
Client Company : McCallan Group
Arrival Time : 08/27/2026 10:00
Onsite Hours : 06:00

ASEC Report ID : 97197
Name of the Project : Cassville Rd (Crossroads Sub), Additional Services
Project Location : Cartersville
Weather : sunny
Departure Time : 08/27/2026 16:00
ASEC Technician Name : Samara Simha Reddy Kandi

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
08/27/2026	1	15.3	99.2	2026-197	102.1	20.2	97.2	98	D6938	Fail
Location : Lot #6, Elv/Depth :at finished grade										
Comment :										
Tested By : Samara Simha Reddy Kandi						Gauge Serial No. : 92514				
08/27/2026	2	18.1	119.2	2026-197	102.1	20.2	98.8	98	D6938	Pass
Location : Lot #6, Elv/Depth :at finished grade										
Comment :										
Tested By : Samara Simha Reddy Kandi						Gauge Serial No. : 92514				
08/27/2026	3	17	106.2	2025-051	106.4	19.3	99.8	98	D6938	Pass
Location : Lot #8, Elv/Depth :at finished grade										
Comment :										
Tested By : Samara Simha Reddy Kandi						Gauge Serial No. : 92514				
08/27/2026	4	16.8	122.6	2025-051	106.4	19.3	98.7		D6938	Pass
Location : Lot #8, Elv/Depth :at finished grade										
Comment :										
Tested By : Samara Simha Reddy Kandi						Gauge Serial No. : 92514				
08/27/2026	5	15.3	101.8	2025-050	103.5	21.4	98.4	98	D6938	Pass
Location : Lot #10, Elv/Depth :at finished grade										
Comment :										
Tested By : Samara Simha Reddy Kandi						Gauge Serial No. : 92514				
08/27/2026	6	18.2	98.7	2026-197	102.1	20.2	96.7	98	D6938	Fail
Location : Lot #10, Elv/Depth :at finished grade										
Comment :										
Tested By : Samara Simha Reddy Kandi						Gauge Serial No. : 92514				
08/27/2026	7	18.3	107.2	2025-051	106.4	19.3	100.8	98	D6938	Pass
Location : Lot #12, Elv/Depth :at finished grade										
Comment :										
Tested By : Samara Simha Reddy Kandi						Gauge Serial No. : 92514				
08/27/2026	8	18.6	105.3	2025-051	106.4	19.3	99.0	98	D6938	Pass
Location : Lot #12, Elv/Depth :at finished grade										
Comment :										
Tested By : Samara Simha Reddy Kandi						Gauge Serial No. : 92514				
08/27/2026	9	16.8	109.3	2025-051	106.4	19.3	102.7	98	D6938	Pass
Location : Lot #15, Elv/Depth :at finished grade										
Comment :										
Tested By : Samara Simha Reddy Kandi						Gauge Serial No. : 92514				
08/27/2026	10	17.3	107.2	2025-051	106.4	19.3	100.8	98	D6938	Pass
Location : Lot #15, Elv/Depth :at finished grade										
Comment :										
Tested By : Samara Simha Reddy Kandi						Gauge Serial No. : 92514				
08/27/2026	11	17.2	106.1	2025-051	106.4	19.3	99.7	98	D6938	Pass

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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
Location : Lot #6, Elv/Depth :at finished grade Comment : After Recompacting Tested By : Samara Simha Reddy Kandi Gauge Serial No. : 92514										
08/27/2026	12	16.7	104.5	2025-051	106.4	19.3	98.2	98	D6938	Pass
Location : Lot #10, Elv/Depth :at finished grade Comment : After Recompacting Tested By : Samara Simha Reddy Kandi Gauge Serial No. : 92514										

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

Kenneth Mosman

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PROCTOR DATA SUMMARY

TEST DATE	PROCTOR ID	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PROCTOR TYPE	SOIL DESCRIPTION
10/23/2025	2025-050	103.5	21.4	Standard	Red silty sand with clay
10/23/2025	2025-051	106.4	19.3	Standard	Tan silty sand with clay
06/15/2026	2026-198	99.3	23.8	Standard	Red, brown sandy silt
06/17/2026	2026-197	102.1	20.2	Standard	Brown sandy silt with clay and organics