

Date : 10/13/2025
 Project No : 2025C245
 Client Company : Bearing Engineering
 Arrival Time : 10/13/2025 07:00
 Onsite Hours : 11:00

ASEC Report ID : 86833
 Name of the Project : Dunkin Donuts 2025
 Project Location : US 29, Palmetto, GA
 Weather : Sunny
 Departure Time : 10/13/2025 18:00
 ASEC Technician Name : Sean Willett

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
10/13/2025	1	21.3	90.8	3	94.7	25.3	95.9	95	D6938	Pass
Location : testing location #3 retaining wall, Elv/Depth :at finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/13/2025	2	20.5	88.0	3	94.7	25.3	92.9	95	D6938	Fail
Location : testing location #2 retaining wall, Elv/Depth :2 feet below finished grade										
Comment : In-situ moisture content well below optimum moisture. Recompaction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/13/2025	3	20.5	93.9	3	94.7	25.3	99.2	95	D6938	Pass
Location : testing location #1 retaining wall, Elv/Depth :2 feet below finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/13/2025	4	22.1	87.4	3	94.7	25.3	92.3	95	D6938	Fail
Location : testing location #2 retaining wall, Elv/Depth :2 feet below finished grade										
Comment : Retest of previous failing test. Recompaction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/13/2025	5	19.1	98.2	3	94.7	25.3	103.7	95	D6938	Pass
Location : testing location #2 retaining wall, Elv/Depth :2 feet below finished grade										
Comment : Retest										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/13/2025	6	23.9	71.8	3	94.7	25.3	75.8	95	D6938	Fail
Location : Roadway in front of retaining wall, Elv/Depth :3 feet below finished grade										
Comment : Recompaction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/13/2025	7	21.3	79.4	3	94.7	25.3	83.8	95	D6938	Fail
Location : roadway in front of retaining wall, Elv/Depth :3 feet below finished grade										
Comment : Recompaction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/13/2025	8	19.4	91.7	3	94.7	25.3	96.8	95	D6938	Pass
Location : roadway in front of retaining wall, Elv/Depth :3 feet below finished grade										
Comment : Retest										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/13/2025	9	22.8	79.3	3	94.7	25.3	83.7	95	D6938	Fail
Location : roadway in front of retaining wall, Elv/Depth :3 feet below finished grade										
Comment : Retest										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/13/2025	10	20.2	93.0	3	94.7	25.3	98.2	95	D6938	Pass
Location : roadway in front of wall, Elv/Depth :3 feet below finished grade										
Comment : Retest										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/13/2025	11	21.3	87.2	3	94.7	25.3	92.1	95	D6938	Fail
Location : testing location #2 retaining wall, Elv/Depth :at finished grade										

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Comment : Reompaction required.										
Tested By :		Sean Willett				Gauge Serial No. : 77-19952				
10/13/2025	12	21.1	90.3	3	94.7	25.3	95.4	95	D6938	Pass
Location : testing location #1 retaining wall, Elv/Depth :at finished grade										
Comment :										
Tested By :		Sean Willett				Gauge Serial No. : 77-19952				
10/13/2025	13	22.5	91.5	3	94.7	25.3	96.6	95	D6938	Pass
Location : testing location #2 retaining wall, Elv/Depth :at finished grade										
Comment : Retest										
Tested By :		Sean Willett				Gauge Serial No. : 77-19952				

Remark: Test performed in general accordance with signed 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
10/03/2025	2025-041	115.6	12.7	Standard	Tan and Brown Silty Sand w/clay and rock fragments
10/03/2025	2	103.6	17.1	Standard	Brown sandy silt
10/03/2025	3	94.7	25.3	Standard	Red sandy silt with clay