

Date : 10/08/2025
 Project No : 2025C245
 Client Company : Bearing Engineering
 Arrival Time : 10/08/2025 06:15
 Onsite Hours : 08:45

ASEC Report ID : 86652
 Name of the Project : Dunkin Donuts 2025
 Project Location : US 29, Palmetto, GA
 Weather : Overcast
 Departure Time : 10/08/2025 15:00
 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
10/08/2025	1	19.4	85.6	2	103.6	17.1	82.6	95	D6938	Fail
Location : testing location #6 retaining wall, Elv/Depth :2.5 feet below finished grade										
Comment : Recompanction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	2	21	84.8	2	103.6	17.1	81.9	95	D6938	Fail
Location : testing location #5 retaining wall , Elv/Depth :2.5 feet below finished grade										
Comment : In-situ moisture content higher than optimum. Recompanction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	3	18.5	83.6	2	103.6	17.1	80.7	95	D6938	Fail
Location : testing location #4 retaining wall, Elv/Depth :2.5 feet below finished grade										
Comment : Recompanction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	4	19.8	86.5	2	103.6	17.1	83.5	95	D6938	Fail
Location : testing location #3 retaining wall, Elv/Depth :3.5 feet below finished grade										
Comment : Recompanction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	5	16	91.5	2	103.6	17.1	88.3	95	D6938	Fail
Location : testing location #2 retaining wall , Elv/Depth :3 feet below finished grade										
Comment : Recompanction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	6	17.8	98.2	2	103.6	17.1	94.8	95	D6938	Fail
Location : testing location #1, Elv/Depth :3.5 feet below finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	7	22.5	85.1	2	103.6	17.1	82.1	95	D6938	Fail
Location : testing location #5 retaining wall (retest) , Elv/Depth :3.5 feet below finished grade										
Comment : In-situ moisture content much higher than optimum. Recompanction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	8	16.2	99.6	2	103.6	17.1	96.1	95	D6938	Pass
Location : testing location #6 retaining wall (retest), Elv/Depth :3.5 feet below finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	9	15.7	101.0	2	103.6	17.1	97.5	95	D6938	Pass
Location : testing location #5 retaining wall (retest), Elv/Depth :3.5 feet below finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	10	16.7	95.8	2	103.6	17.1	92.5	95	D6938	Fail
Location : testing location #4 retaining wall (retest), Elv/Depth :3.5 feet below finished grade										
Comment : Recompanction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	11	14.2	100.8	2	103.6	17.1	97.3	95	D6938	Pass
Location : testing location #3 retaining wall (retest), Elv/Depth :3.5 feet below finished grade										

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Comment : Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	12	18.6	86.7	2	103.6	17.1	83.7	95	D6938	Fail
Location : testing location #2 retaining wall (retest), Elv/Depth :3.5 feet below finished grade Comment : Recompectation required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	13	17.2	99.8	2	103.6	17.1	96.3	95	D6938	Pass
Location : testing location #2 retaining wall (retest), Elv/Depth :3.5 feet below finished grade Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	14	12.3	104.6	2	103.6	17.1	101.0	95	D6938	Pass
Location : testing location #1 retaining wall (retest), Elv/Depth :3.5 feet below finished grade Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	15	17.6	98.0	2	103.6	17.1	94.6	95	D6938	Fail
Location : testing location #1 retaining wall, Elv/Depth :3 feet below finished grade Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	16	14.8	101.0	2	103.6	17.1	97.5	95	D6938	Pass
Location : testing location #6 , Elv/Depth :2 feet below finished grade Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	17	16.1	102.2	2	103.6	17.1	98.6	95	D6938	Pass
Location : testing location #5 , Elv/Depth :2 feet below finished grade Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	18	14.9	103.5	2	103.6	17.1	99.9	95	D6938	Pass
Location : test location #4 retaining wall, Elv/Depth :3 feet below finished grade Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/08/2025	19	15.2	103.1	2	103.6	17.1	99.5	95	D6938	Pass
Location : testing location #3 retaining wall, Elv/Depth :3 feet below finished grade Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										

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

Kenneth Mosman

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 silty sand