

Date : 10/07/2025
 Project No : 2025C245
 Client Company : Bearing Engineering
 Arrival Time : 10/07/2025 08:00
 Onsite Hours : 06:00

ASEC Report ID : 86650
 Name of the Project : Dunkin Donuts 2025
 Project Location : US 29, Palmetto, GA
 Weather : Overcast
 Departure Time : 10/07/2025 14:00
 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
10/07/2025	1	23.5	83.1	3	94.7	25.3	87.8	95	D6938	Fail
Location : Test location #2 retaining wall, Elv/Depth :5 feet below finished grade										
Comment : Recompectation required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	2	24.4	78.4	3	94.7	25.3	82.8	95	D6938	Fail
Location : Test location #3 retaining wall, Elv/Depth :5 feet below finished grade										
Comment : Field proctor: 101.0 @ 19%										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	3	19.5	89.1	3	94.7	25.3	94.1	95	D6938	Fail
Location : Test location #4 retaining wall, Elv/Depth :5 feet below finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	4	19.5	86.8	3	94.7	25.3	91.7	95	D6938	Fail
Location : Test location #2 retaining wall (retest), Elv/Depth :5 feet below finished grade										
Comment : Recompectation required. In-situ moisture contents not within optimum range.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	#5 Moisture check	18.7	0.0						Check	
Location : stockpile, Elv/Depth :0										
Comment : within optimum range Field proctor: 101.0 @ 19%										
Tested By : Sean Willett										
10/07/2025	6	24	82.3	2	103.6	17.1	79.4	95	D6938	Fail
Location : testing location #2 retaining wall (retest), Elv/Depth :5 feet below finished grade										
Comment : In-situ moisture content well above optimum moisture.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	7	19.7	91.5	2	103.6	17.1	88.3	95	D6938	Fail
Location : Testing location #3 retaining wall (retest), Elv/Depth :5 feet below finished grade										
Comment : Recompectation required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	8	18.8	89.4	2	103.6	17.1	86.3	95	D6938	Fail
Location : Testing location #6 , Elv/Depth :3 feet below finished grade										
Comment : Recompectation required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	9	18.8	88.3	2	103.6	17.1	85.2	95	D6938	Fail
Location : Testing location #5 retaining wall , Elv/Depth :3 feet below finished grade										
Comment : Recompectation required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	10	18	97.7	2	103.6	17.1	94.3	95	D6938	Fail
Location : Testing location #4, Elv/Depth :4 feet below finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										

Date : 10/07/2025
Project No : 2025C245
Client Company : Bearing Engineering
Arrival Time : 10/07/2025 08:00
Onsite Hours : 06:00

ASEC Report ID : 86650
Name of the Project : Dunkin Donuts 2025
Project Location : US 29, Palmetto, GA
Weather : Overcast
Departure Time : 10/07/2025 14:00
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
10/07/2025	11	12.1	102.1	2	103.6	17.1	98.6	95	D6938	Pass
Location : Testing location #3, Elv/Depth :4 feet below finished grade										
Comment :										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	12	15.5	96.4	2	103.6	17.1	93.1	95	D6938	Fail
Location : Testing location #2 , Elv/Depth :4 feet below finished grade										
Comment : Recompaction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	13	17.4	91.7	2	103.6	17.1	88.5	95	D6938	Fail
Location : Testing location #3, Elv/Depth :3 feet below finished grade										
Comment : Recompaction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	14	18.3	89.1	2	103.6	17.1	86.0	95	D6938	Fail
Location : testing location #5 (retest), Elv/Depth :3.5 feet below finished grade										
Comment : Recompaction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	15	15.6	105.9	2	103.6	17.1	102.2	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										
10/07/2025	16	16.9	100.8	2	103.6	17.1	97.3	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										
10/07/2025	17	19.2	95.0	2	103.6	17.1	91.7	95	D6938	Fail
Location : testing location #5 retaining wall (retest), Elv/Depth :3 feet below finished grade										
Comment : Recompaction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										
10/07/2025	18	15.7	97.3	2	103.6	17.1	93.9	95	D6938	Fail
Location : testing location #3 retaining wall (retest), Elv/Depth :3 feet below finished grade										
Comment : Recompaction required.										
Tested By : Sean Willett Gauge Serial No. : 77-19952										

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



Kenneth Mosman

The results presented in this report relate only to the items tested. This report shall not be reproduced, except in full, without written approval from AS Engineering and Consulting LLC.

Date : 10/07/2025
Project No : 2025C245
Client Company : Bearing Engineering
Arrival Time : 10/07/2025 08:00
Onsite Hours : 06:00

ASEC Report ID : 86650
Name of the Project : Dunkin Donuts 2025
Project Location : US 29, Palmetto, GA
Weather : Overcast
Departure Time : 10/07/2025 14:00
ASEC Technician Name : Sean Willett

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