

Date : 09/09/2025
 Project No : 2025C224
 Client Company : C. W. MATTHEWS CONTRACTING CO., INC.
 Arrival Time : 09/09/2025 06:45
 Onsite Hours : 9:45

ASEC Report ID : 85750
 Name of the Project : PDK Airport - RUNWAY 3R-21L KEEL REPLACEMENT
 Project Location : PDK AIRPORT, DEKALB County, GA
 Weather : sunny
 Departure Time : 09/09/2025 16:30
 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
09/09/2025	1	14.6	112.7	2025-040-MP	119.0	12.9	94.7	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/09/2025	2	6.5	115.6	2025-040-MP	119.0	12.9	97.1	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade										
Comment : There was GAB mixed with the soil in this area.										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/09/2025	3	8.8	115.8	2025-040-MP	119.0	12.9	97.3	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade										
Comment : There was M10 sand mixed with the soil in this area										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/09/2025	4	19.9	106.8	2025-040-MP	119.0	12.9	89.7	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/09/2025	5	20.1	107.5	2025-040-MP	119.0	12.9	90.3	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/09/2025	6	19.8	106.7	2025-040-MP	119.0	12.9	89.7	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/09/2025	7	18.9	108.2	2025-040-MP	119.0	12.9	90.9	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/09/2025	8	14.5	111.7	2025-040-MP	119.0	12.9	93.9	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/09/2025	9	17.8	107.5	2025-040-MP	119.0	12.9	90.3	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/09/2025	10	18.3	109.2	2025-040-MP	119.0	12.9	91.8	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade										
Comment :										
Tested By : Aminullah Azimi Gauge Serial No. : 30942										
09/09/2025	11	14.3	112.3	2025-040-MP	119.0	12.9	94.4	100	D6938	Fail

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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 : Section 1B, Elv/Depth :at finished grade Comment :										
Tested By : Aminullah Azimi					Gauge Serial No. : 30942					
09/09/2025	12	15.1	112.3	2025-040-MP	119.0	12.9	94.4	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade Comment :										
Tested By : Aminullah Azimi					Gauge Serial No. : 30942					
09/09/2025	13	19.7	107.9	2025-040-MP	119.0	12.9	90.7	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade Comment :										
Tested By : Aminullah Azimi					Gauge Serial No. : 30942					
09/09/2025	14	9.7	116.0	2025-040-MP	119.0	12.9	97.5	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade Comment : There was M10 mixed with the soil in this area.										
Tested By : Aminullah Azimi					Gauge Serial No. : 30942					
09/09/2025	15	14.3	111.2	2025-040-MP	119.0	12.9	93.4	100	D6938	Fail
Location : Section 1B, Elv/Depth :at finished grade Comment :										
Tested By : Aminullah Azimi					Gauge Serial No. : 30942					

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
09/05/2025	2025-040-MP	119.0	12.9	Modified	Brown Sandy SILT with M-10 sand