

Date : 01/16/2023
Project No : 2021C002
Client Company : CW Matthews
Arrival Time : 01/16/2023 9:30
Onsite Hours : 07:00

ASEC Report ID : 56189
Name of the Project : Runway 9L End Around Taxiway
Project Location : HJAIA
Weather : cloudy
Departure Time : 01/16/2023 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
01/16/2023	1	21.4	100.5	12	119.8	12.3	83.9	95	D6938	Fail
Location : 30' to the east of MH F1.1, Elv/Depth :-2' from finished grade Comment : In-situ moisture contents far below optimum moisture contents. Tested By : Aminullah Azimi Gauge Serial No. : 85759										
01/16/2023	2	18.4	109.5	12	119.8	12.3	91.4	95	D6938	Fail
Location : 64' to the east of MH F1.1, Elv/Depth :-2 from finished grade Comment : In-situ moisture contents far below optimum moisture contents. Tested By : Aminullah Azimi Gauge Serial No. : 85759										
01/16/2023	3	3.7	116.0	9	120.8	11.3	96.0	95	D6938	Pass
Location : 26' to the west of MH F1.1, Elv/Depth :-1.5 from finished grade Comment : Tested By : Aminullah Azimi Gauge Serial No. : 85759										
01/16/2023	4	4.2	117.0	9	120.8	11.3	96.9	95	D6938	Pass
Location : -15' to the east of MH F1.1, Elv/Depth :-1.5 from finished grade Comment : Tested By : Aminullah Azimi Gauge Serial No. : 85759										

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.

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PROCTOR DATA SUMMARY

TEST DATE	PROCTOR ID	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PROCTOR TYPE	SOIL DESCRIPTION
	1	117.7	12.8	Modified	Reddish Brown Sandy SILT
	2	141.4	5.7	Modified	GAB
	3	118.8	13.0	Modified	Reddish brown Silty SAND with trace clay
	4	122.7	10.6	Modified	Brown micaceous Silty SAND with rock frags
	5	122.6	9.6	Modified	Brown micaceous Silty SAND with 50% Asphalt millings
	6	125.9	9.3	Modified	Brown micaceous Silty SAND with 50% Asphalt millings
02/15/2022	7	119.7	11.0	Modified	Grayish brown Silty SAND
02/15/2022	8	121.6	11.0	Modified	Grayish brown Silty SAND w/ rock frags
02/15/2022	9	120.8	11.3	Modified	Grayish brown Silty SAND
03/10/2022	10	119.3	11.5	Modified	Brown Silty SAND
05/19/2022	11	117.2	13.8	Modified	Brown Silty SAND
05/24/2022	12	119.8	12.3	Modified	Dark brown Silty SAND
05/24/2022	13	125.1	11.6	Modified	Brown Sandy SILT
05/26/2022	14	119.8	14.0	Modified	Light brown micaceous Sandy SILT
08/29/2022	15	107.9	17.9	Modified	Brown Silty SAND with Lime
	16	124.0	8.7	Modified	M10 Sand