AS Engineering and Consulting LLC

Density Test Report

ASEC Report ID : 58952
Name of the Project : Plant Gorgas Demolition and Grading
Project Location : 460 Gorgas Rd, Parrish, AL 35580
Weather : SUNNY
Departure Time : 05/01/2023 16:30
ASEC Technician Name : Avinash Bandham

Date : 05/01/2023
Project No : 2022C235
Client Company : Jackson Demolition Service, Inc.
Arrival Time : 05/01/2023 06:00
Onsite Hours : 10:30

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
05/01/2023	1	15.2	102.8	43409	107.5	17.8	95.6	90	D6938	Pass
Location :	Section-2 Basement area G7, Elv/Depth :246.83									
Comment :	Test-1 performed in the Section-2 of the basement are G7 positioned at 66ft from east end wall and 102ft from the south end wall.									
Tested By :	Avinash Bandham					Gauge Serial No. : 30942				
05/01/2023	2	15.8	106.0	43409	107.5	17.8	98.6	90	D6938	Pass
Location :	section-2 basement area G7, Elv/Depth :246.83									
Comment :	Test-2 performed in the Section-2 of the basement are G7 positioned at 100ft from east end wall and 94ft from the south end wall.									
Tested By :	Avinash Bandham					Gauge Serial No. : 30942				
05/01/2023	3	18.8	106.6	43409	107.5	17.8			Check	
Location :	Section-2 Basement area G7, Elv/Depth :246.83									
Comment :										
Tested By :	Avinash Bandham									

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

ALABAMA LICENSED No. 31220 PROFESSIONAL ENGINEER RAMCHANDRA REDDY MOGULLA

Ramchandra Mogulla, PE
31220
Senior Engineer

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PROCTOR DATA SUMMARY

TEST DATE	PROCTOR ID	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PROCTOR TYPE	SOIL DESCRIPTION
10/04/2022	43408	97.0	24.4	Standard	Yellowish Brown Fat CLAY with Sand.
10/04/2022	43409	107.5	17.8	Standard	Reddish brown Clayey SAND
10/04/2022	43410	104.3	20.2	Standard	Olive brown Sandy Lean Clay
10/04/2022	43412	103.5	22.0	Standard	Brown Sandy Lean CLAY
10/04/2022	43413	104.0	19.7	Standard	Olive brown Lean CLAY with Sand
02/15/2023	44789	131.9	9.5	Standard	825B / 8910
04/04/2023	ASEC-1	116.4	16.2	Standard	Tan Clayey SAND with Chert
04/04/2023	ASEC-2	110.9	15.3	Standard	Tan Clayey SAND with Chert