



• Engineering
• Geotechnical
Laboratories

Cal-Tech Testing, Inc.

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REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 25-00026-01

DATE TESTED: 1/16/2025

DATE REPORTED: 1/21/2025

PROJECT:	Shaheen Residence, Lake City, FL
CLIENT:	Joel Shaheen, 160 SW Freeman Glen, Lake City, FL 32024
GENERAL CONTRACTOR:	Joel Shaheen
EARTHWORK CONTRACTOR:	Joel Shaheen
INSPECTOR:	C. Williams
ASTM METHOD	SOIL USE
(D-6938) Nuclear ▼	BUILDING FILL ▼
SPECIFIED REQUIREMENTS: 95%	

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft ³)	MOISTURE PERCENT	DRY DENSITY (lb/ft ³)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1	5 ft. East & 2 ft. North from Northwest Corner of Slab	12"	105.7	6.3	99.4	1	103.9	96%
2	5 ft. South & 2 ft. West from Northwest Corner of Slab	12"	108.2	7.2	100.9	1	103.9	97%
3	5 ft. West & 2 ft. South from Southeast Corner of Slab	12"	106.5	6.9	99.6	1	103.9	96%

REMARKS: Tests were taken on slopes - post concrete placement

The Above Tests Meet Specified Requirements.

PROCTORS				
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft ³)	OPT. MOIST.	TYPE
1	Tan Sand with Silt (SP-SM) (Refer to CTI Job No.: 18-00471-01, Sample 1)	103.9	14.2	MODIFIED (ASTM D-1557) ▼

Respectfully Submitted,
CAL-TECH TESTING, INC.

Reviewed By:

Date:

Licensed, Florida No: 65550



The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data. This report shall not be reproduced without prior approval of the author.