



- Engineering
- Geotechnical Laboratories

Cal-Tech Testing, Inc.

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REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 24-00304-01

DATE TESTED: 6/24/2024

DATE REPORTED: 7/2/2024

PROJECT:	8893 S.E. CR 245, Lake City, FL
CLIENT:	William Scott Construction, Inc., 780 SW Ridge Street, Lake City, FL 32024
GENERAL CONTRACTOR:	William Scott Construction, Inc.
EARTHWORK CONTRACTOR:	William Scott Construction, Inc.
INSPECTOR:	S. Dilger
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	10 ft. West & 9 ft. South from Northeast Corner of Pad	12"	112.4	3.9	108.2	1	103.9	104%
2	15 ft. West & 10 ft. North from Southeast Corner of Pad	12"	111.6	3.6	107.7	1	103.9	104%
3	10 ft. East & 12 ft. North from Southwest Corner of Pad	12"	110.1	2.8	107.1	1	103.9	103%

REMARKS:

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.