



- Engineering
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# Cal-Tech Testing, Inc.

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JOB NO.: 23-00129-01

## REPORT OF IN-PLACE DENSITY TEST

DATE TESTED: 3/1/2023

DATE REPORTED: 3/2/2023

PROJECT:	4207 SW CR 242, Lake City, FL
CLIENT:	Blake Construction Co. of N. FL, 3101 West U.S. Highway 90, Ste. 102
GENERAL CONTRACTOR:	Blake Construction Co. of N. FL
EARTHWORK CONTRACTOR:	Blake Construction Co. of N. FL
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 <sup>3</sup> )	MOISTURE PERCENT	DRY DENSITY (lb/ft <sup>3</sup> )	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1	5 ft. North & 5 ft. East from Southwest Corner of Pad	12"	108.3	1.7	106.5	1	105.4	101%
2	Center of Pad	12"	109.1	2.2	106.8	1	105.4	101%
3	5 ft. South & 5 ft. West from Northeast Corner of Pad	12"	107.4	2.8	104.5	1	105.4	99%

### REMARKS:

The Above Tests Meet Specified Requirements.

PROCTORS				
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft <sup>3</sup> )	OPT. MOIST.	TYPE
1	Tan Sand (SP) (Refer to CTI Job No.: 18-00518-01, Sample 1)	105.4	12.8	MODIFIED (ASTM D-1557)

Respectfully Submitted,  
CAL-TECH TESTING, INC.

Reviewed By:

Date:

Licensed, Florida No.



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.