



- Engineering
  - Geotechnical
  - Environmental
- Laboratories

# Cal-Tech Testing, Inc.

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456  
7540 103rd St, Suite 215, Jacksonville, FL 32210 • Tel(904)381-8901 • Fax(904)381-8902

JOB NO.: 22-00220-01

## REPORT OF IN-PLACE DENSITY TEST

DATE TESTED: 5/17/2022

DATE REPORTED: 5/24/2022

PROJECT:	138 SW Mossy Oak Way, Lake City, FL
CLIENT:	Spark's Contractors, Inc., 426 SW Commerce Dr., Lake City, FL 32025
GENERAL CONTRACTOR:	Spark's Contractors, Inc.
EARTHWORK CONTRACTOR:	Spark's Contractors, Inc.
INSPECTOR:	K. Lasko
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
<b>House Pad</b>								
1	10 ft. North & 10 ft. West from Southeast Corner of Pad	12"	113.7	5.9	107.4	1	110.2	97%
2	Center of Pad	12"	114.7	5.3	108.9	1	110.2	99%
3	15 ft. South & 10 ft. East from Northwest Corner of Pad	12"	116.3	6.7	109.0	1	110.2	99%
<b>Barn Pad</b>								
4	5 ft. South & 5 ft. West from Northeast Corner of Pad	12"	115.4	5.5	109.4	1	110.2	99%
5	Center of Pad	12"	119.5	5.7	113.1	1	110.2	103%
6	10 ft. North & 10 ft. East from Southwest Corner of Pad	12"	112.5	5.0	107.1	1	110.2	97%

### 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	Dark Brown Sand with Silt (SP-SM)	110.2	10.5	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.



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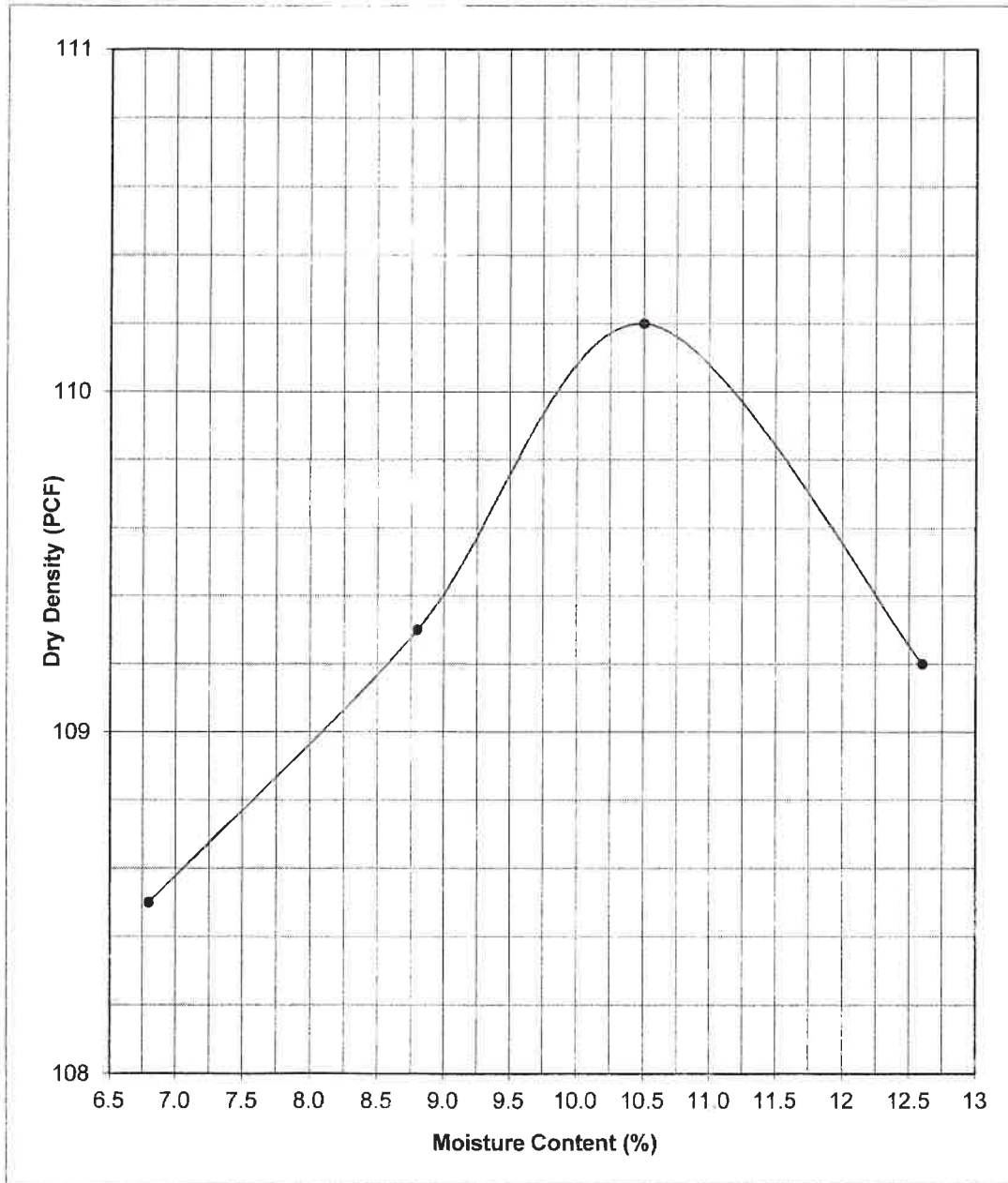
- Engineering
- Geotechnical
- Environmental

Laboratories

## REPORT OF LABORATORY COMPACTION TEST

Client: Spark's Contractors, Inc. 426 SW Commerce Dr. Lake City, FL 32025  
Project Name: 138 SW Mossy Oak Way  
Project Location: Lake City, FL  
Contractor: Spark's Contractors, Inc.

File No: 22-00220-01  
Date: 5/23/2022  
Lab No: 23524



### PROCTOR DATA

Proctor No.: 1

Modified Proctor ☒  
(ASTM D-1557)

Standard Proctor ☐  
(ASTM D-698)

Maximum Dry  
Dens. Pcf: 110.2

Optimum Moisture  
Percent: 10.5

Total -200 (%): 5.8

LL: NA

PI: NP

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Sample Description: Dark Brown Sand with Silt (SP-SM)  
Sample Location: Center of Pad  
Proposed Use: House & Barn Pad  
Sampled By: K.L. Date: 5/17/2022  
Tested By: J. Richter Date: 5/20/2022  
Remarks: 1cc: Client  
1cc: File

Reviewed By:

Date:

Licensed, Florida No. 66750

