

UES Project No.:0110.2500210.0000
Date Typed: March 10, 2025**Construction Materials Testing Services
FIELD AND LABORATORY REPORT COVER PAGE****Client:** Leasing MH, LLC dba Orlando Rock Recycling
Attn: Elena Ramos
6545 Cay Circle
Belle Isle, FL 32809**Project:** RCA Testing, 6050 S Semoran, CSD,
6050 S Semoran Blvd, Orlando, Orange County, FL 32822

As requested, UES Professional Solutions, LLC representative(s) performed construction materials testing and/or field inspection services on the above project. Testing results and/or inspection observations are reported on the attached sheets. The contents of this package are summarized below.

Scope of Work

Work Order No.	Type of Report
10097267, 10097268	Limerock Bearing Ratio

We hope this information is sufficient for your immediate needs. If you have any questions, please do not hesitate to contact the undersigned or Roseanne S. Housein (extension **23078**).

Sincerely,
UES Professional Solutions, LLC
FBPE Registry No. 549

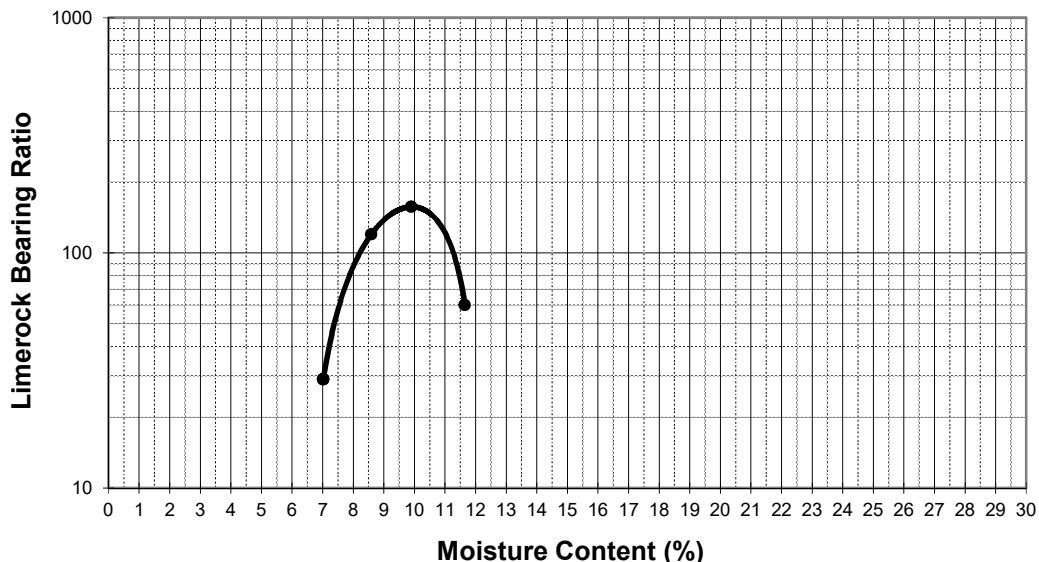
Attachments(2)
rh

Fred J. Schmalzer, P.E.
Vice President - Construction Services
STATE OF FLORIDA
Professional Engineer No. 38818

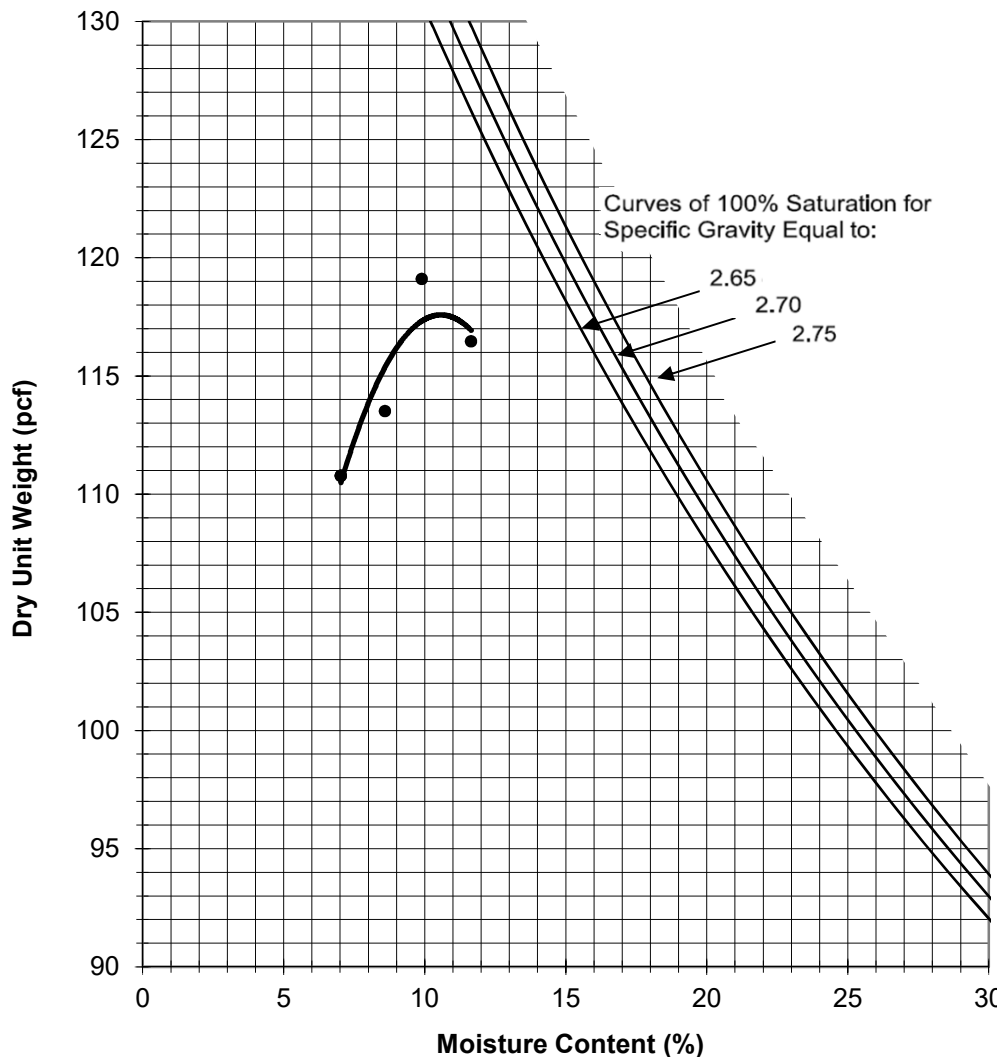
This item has been electronically signed and sealed by using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

For the mutual protection of UES's clients, the general public, and ourselves, our reports are submitted as the confidential property of our clients. Accordingly, authorization for reliance upon, or publication of, all or portions of this report is reserved pending our written approval.

REPORT ON LIMEROCK BEARING RATIO (FM 5-515)



Project No.: 0110.2500210.0000
Lab Sample No.: 25-L0277
Work Order No.: 10097267
Date Plotted: March 5, 2025



SUMMARY OF TEST RESULTS

Max. Dry Density, pcf: 117.6
Optimum Moisture, %: 10.6
 Passing 3.5 Inch, %: 100
 Passing No. 4, %: 88
 Passing No. 200, %: PENDING

Required LBR: 150
LBR Value: 157
Status¹: Pass

Date Sampled: 2/27/2025
 Sampled By: MCT

Date Molded: 3/3/2025
 Molded By: JZ

Date Compressed: 3/5/2025
 Compressed By: JZ

Note 1: According to FDOT Standard Specifications for Road and Bridge Construction "Under tolerance in Bearing Value Requirements" for a specified value of 40, there is an under tolerance of 5. Therefore, a LBR value of 35 or greater is acceptable unless other specifications dictate no under tolerance allowed.

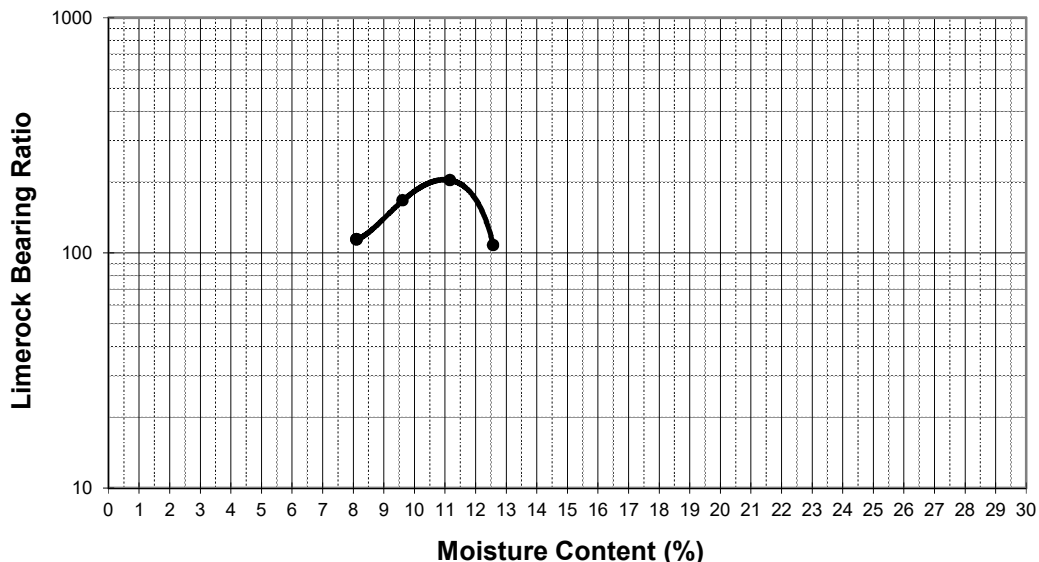
Note 2: Sampled according to AASHTO T 002.

Note 3: This report shall not be reproduced, except in full, without the written approval of Universal Engineering Sciences, Inc.

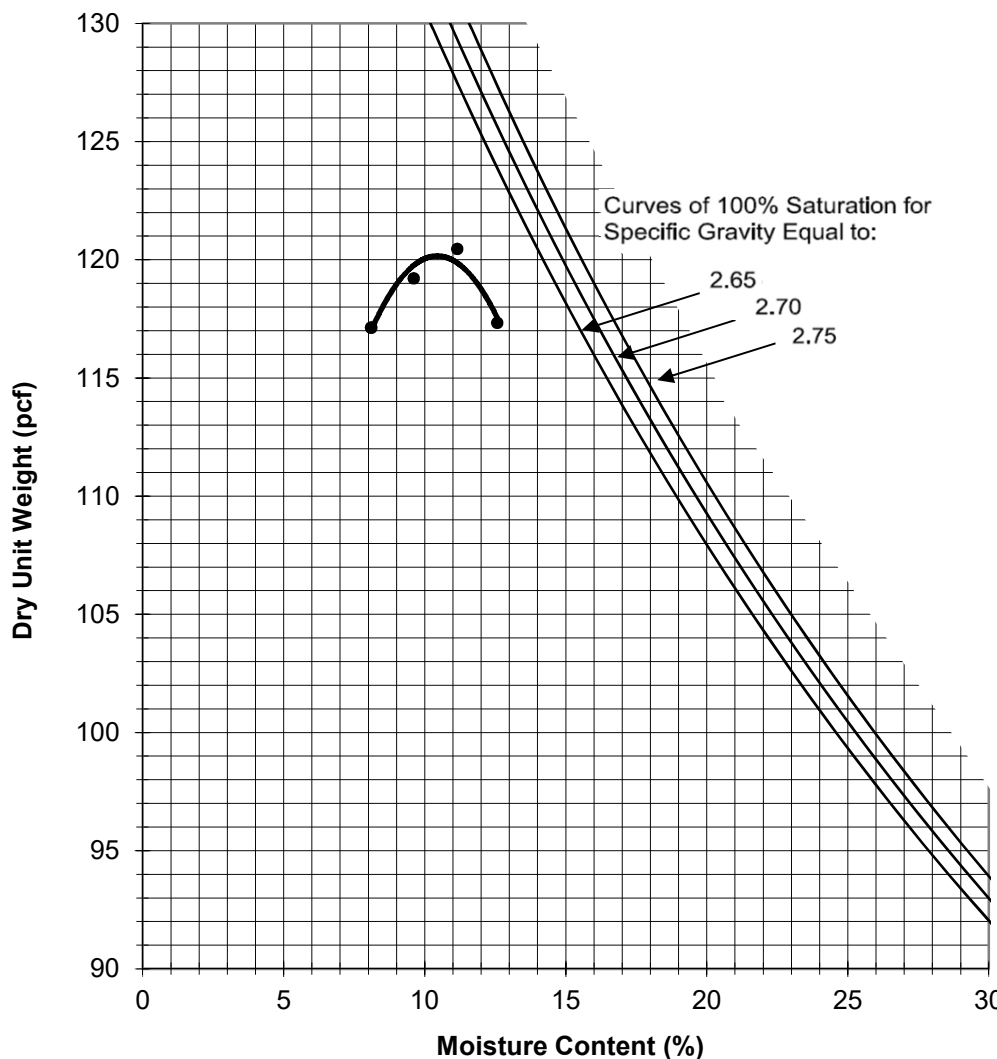


Client: Leasing MH, LLC dba Orlando Rock Re
 Project Name: RCA Testing, 6050 S Semoran, CSD
 Sample Location: Mini Stock Pile
 Intended Use: Base
 Material Description: RCA
 Area Covered: N/A

REPORT ON LIMEROCK BEARING RATIO (FM 5-515)



Project No.: 0110.2500236.0000
Lab Sample No.: 25-L0279
Work Order No.: 10097268
Date Plotted: March 6, 2025



SUMMARY OF TEST RESULTS

Max. Dry Density, pcf: 120.2
Optimum Moisture, %: 10.5
 Passing 3.5 Inch, %: 100
 Passing No. 4, %: 88
 Passing No. 200, %: n/a

Required LBR: 40
LBR Value: 204
Status¹: Pass

Date Sampled: 2/27/2025
 Sampled By: MCT

Date Molded: 3/4/2025
 Molded By: JZ

Date Compressed: 3/6/2025
 Compressed By: JZ

Note 1: According to FDOT Standard Specifications for Road and Bridge Construction "Under tolerance in Bearing Value Requirements" for a specified value of 40, there is an under tolerance of 5. Therefore, a LBR value of 35 or greater is acceptable unless other specifications dictate no under tolerance allowed.

Note 2: Sampled according to AASHTO T 002.

Note 3: This report shall not be reproduced, except in full, without the written approval of Universal Engineering Sciences, Inc.



Client: Leasing MH, LLC dba Orlando Rock Re
 Project Name: RCA Testing, 11128 Rocket Blvd, CSD
 Sample Location: Mini Stock Pile
 Intended Use: Stabilized Subgrade
 Material Description: RCA
 Area Covered: N/A