



## REPORT ON LIMEROCK BEARING RATIO (FM 5-515)

Project: Vanderbilt Commons Land Trust I

Work Order No.: 972955

Date: 11/27/2017

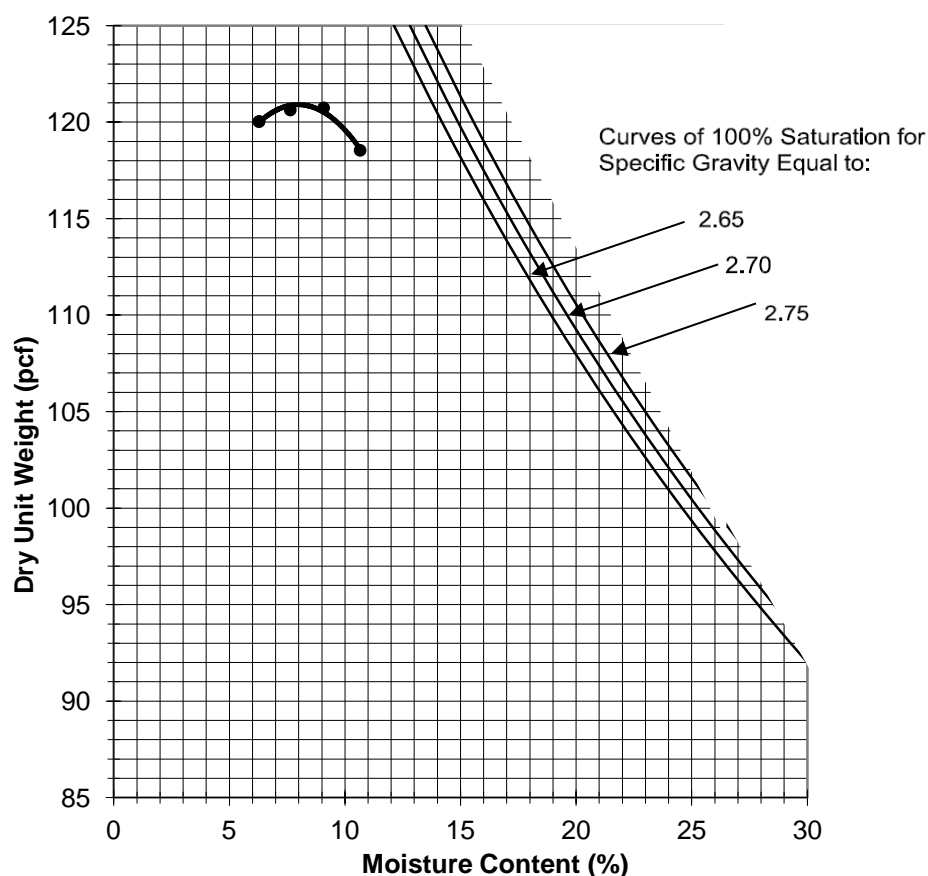
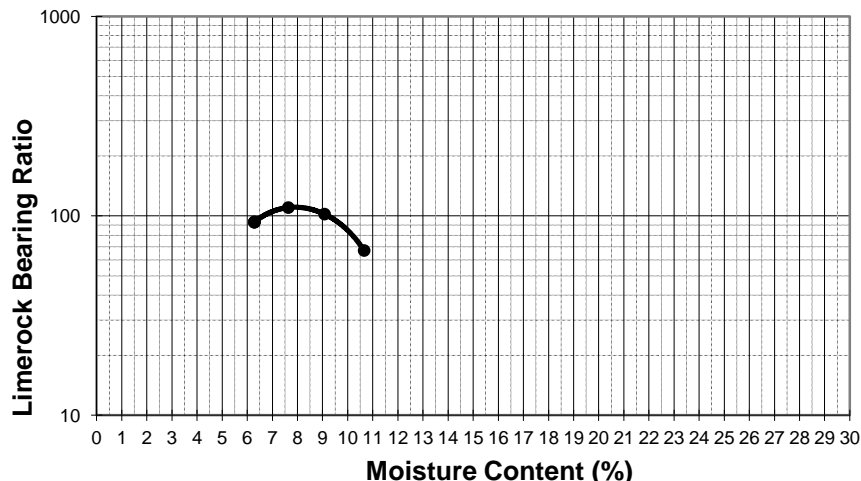
Project No.: 0510.1700647.0000

Client: Bonness Inc.

Sample Location: Stockpile, South Side

Intended Use: Stabilized Subgrade

Material: Brown Fine Sand with Silt Trace Rock



Lab Number: T7266

### SUMMARY OF TEST RESULTS

Max. Dry Density, pcf: 120.9

Optimum Moisture, %: 8.0

Passing 3.5 Inch, %: 100

Passing No. 4, %: 74.14

Passing No. 200, %: 9.4

Required LBR: 40

LBR Value: 110

Status<sup>1</sup>: **Pass**

Date Tested: 11/17/2017

Tested By: JH

Date Sampled: 11/14/2017

Sampled By: DM

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.

Reviewed By

**Universal Engineering Sciences**

Certificate of Authorization No. 00000549

Lindsey N. Weaver

**STATE OF FLORIDA**

Professional Engineer No. 41790

Sampled according to AASHTO T 002.

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