

AGGREGATE #57 STONE CERTIFICATION REPORT

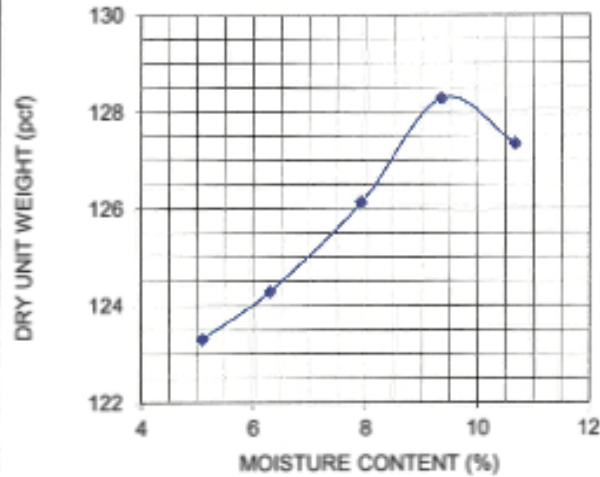


Figure 2: Moisture Content Versus Density

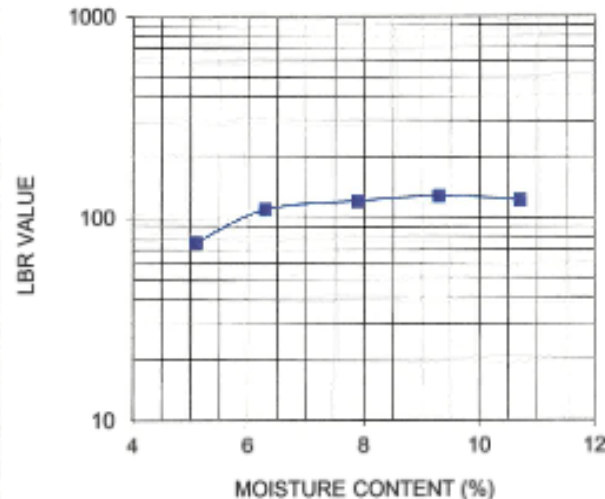


Figure 1: Moisture Content Versus LBR Value

Project Name: Buck Hammock Shell Mine
 Project Location: 6254 Kempler Road, St Cloud
 GEC Project Number: 3980C
 Client Name: J. McKinnon Development
 Sampled By: K. Lariviere
 Date Tested: 11/17/2020
 Tested By: S. Robinson

AGGREGATE #57 STONE TEST RESULTS

Test Method	Test Result	FDOT Requirement
LBR Value (M 5-515)	130	100
Optimum Moisture (%)	9.4	N/A
Max. Dry Density (pcf)	128.3	N/A

Material Description: Clean #57

Gradation (% By Weight Passing)

3 1/2" Sieve (FM 1-T27)	100	97% Minimum
No. 4 Sieve (FM 1-T27)	6.9	80% Maximum
Liquid Limit (T89)	NP	Non-Plastic
Plastic Limit (T90)	NP	Non-Plastic
SSD Density (T85)	2.44	N/A
Apparent Density (T85)	2.61	N/A
Absorption (% T85)	4.7	N/A

Material Description: #57

Gradation (% By Weight Passing)

3 1/2" Sieve (FM 1-T27)	100	97% Minimum
No. 4 Sieve (FM 1-T27)	5.9	80% Maximum
Liquid Limit (T89)	NP	Non-Plastic
Plastic Limit (T90)	NP	Non-Plastic
SSD Density (T85)	2.42	N/A
Apparent Density (T85)	2.63	N/A
Absorption (% T85)	5.5	N/A



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11/2/21



**Geotechnical
 and
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