

REPORT ON SOIL AGGREGATE & LOAMS
 13 GLASSON STREET
 EMERALD QLD 4720
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CLIENT: Glendon Quarry**PROJECT:** Glendon Quarry Material Investigation, Emerald**JOB NO:** E0911/869**DATE SAMPLED:** 22/05/2013**DATE TESTED:** 29/05/2013 - 12/06/2013

Sample Number	Pre-Weathering	Post Weathering
Laboratory Number	1699/S/855	
Test Method	Q119 - Artificial Weathering Resistance	
Sample Location	Stockpile at Quarry	
Sampling Method	Sampled By Client	
Source of Material	Glendon Quarry	
For Use As	Capping Layer Material	

TEST METHODS: Q104A Q105 Q106

Liquid Limit	%	23.8	23.8
Plastic Limit	%	17.6	20.4
Plasticity Index	%	6.2	3.4
Linear Shrinkage	%	4.0	0.6
Weighted PI		93	43
LS x % Passing 0.425mm		61	7
Percent Passing 0.075 ÷ % Passing 0.425		0.50	0.43

TEST METHOD: Q103A

Sieve Size (mm)	Specification	% Passing	
53		-	-
37.5		100	100
19		98	96
9.5		68	66
4.75		47	42
2.36		33	29
0.425		15	13
0.075		7.4	5.4

HISTORY OF SAMPLE: NATURAL STATE AIR DRIED OVEN DRIED UNKNOWN**METHOD OF PREPERATION:** WET SIEVED DRY SIEVED**LINEAR SHRINKAGE OBSERVATIONS:** CRACKING CURLING CRUMBLING**Report No:** 3990/03**Date of Issue:**

19/06/2013

Authorised Signatory: _____


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**NATA Accredited Laboratory
Number : 1699**

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