



Outeniqua Lab (Pty) Ltd.

Materials Testing Laboratory

Registration No. 95/07742/07

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R-GRAD-1-5

May 10



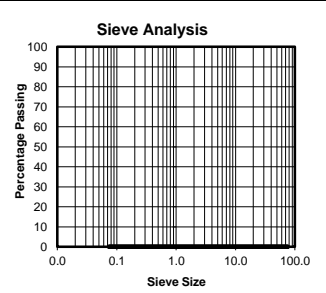
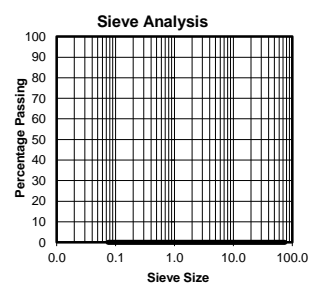
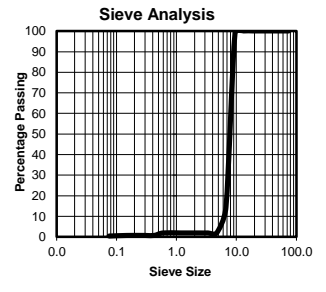
T0347

Customer :	Robberg Quarry	Project :	Yard
	Po Box 3021	Date Received :	04/02/13
	Plettenberg Bay	Date Reported :	22/02/13
	6600	Req. Number :	0200/13
Attention :	R Julian	No. of Pages :	1

TEST REPORT

AGGREGATES FOR SURFACING - (TMH 1 Method B1,B2,B3,B4,B18(a)&(b)T)

SIEVE ANALYSIS				50023				
Sample Position	Stockpile	COLTO Table	Opinion					
Depth	N/A	4302/8						
Sample Number	50023	4302/8						
Materials Description	Source	Robberg Quarry						
	Colour	Light Grey						
	Soil Type	Quartzitic Sandstone						
	Classification	9.5mm Road Stone						
Sieve Size (mm)								
Percentage Passing	75.0							
	53.0							
	37.5							
	26.5							
	19.0							
	13.2	100	100 - 100	*				
	9.5	99	85 - 100	✓				
	6.7	15	0 - 30	✓				
	4.75	2	0 - 5	✓				
	3.35							
	2.36							
	1.18							
	0.600							
	0.425	1	0 - 1.5	*				
0.300								
0.150								
0.075	0.4	0 - 0.5	*					
Fineness Modulus								
MATERIAL PROPERTIES								
ACV (%)	15.3	≤ 21	✓					
10% FACT Dry (kN)	322	≥ 210	✓					
10% FACT Wet (kN)	298							
10% FACT Relationship (%)	92.5	≥ 75	✓					
Flakiness Index (%)	11.4	≤ 30	✓					
ALD (mm)	5.9							
Relative Density (kg/m ³)								
Water Absorption								
Organic Impurities								
Soluble Deleterious (%)								
Plasticity Index (%)								
Compactability Factor #								
Moisture Content (%)								
LBD (kg/m ³)								
CBD (kg/m ³)								



Non Accredited tests.

- Specimens sampled by Outeniqua Lab according to sampling Plan TMH 5 Methods MB1 & MC1
- Specimens sampled by : M Sangwe
- The weather conditions are such that there is no detrimental effect on the sample taken.

L Heathcote (Director)
For Outeniqua Lab (Pty) Ltd
Technical Signatory

- Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.
- The opinion column is an interpretation of the direct comparison between the quoted specification and the single test sample results obtained. The compliant (✓), non compliant (×) and uncertain (*) opinion indicators are based on an approximate 95% level of confidence with reference to SAMM GUIDANCE 1, Issue 2 : 20 June 2007 Section 2.
- The uncertain (*) indicates that the test result is either equal to or is above / below the specified limit by a margin less than the measurement uncertainty; it is therefore not possible to state compliant (✓) or non compliant (×) based on a 95% level of confidence with reference to SAMM GUIDANCE 1, Issue 2 : 20 June 2007 Section 2.
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