



HI QUALITY QUARRY (NSW) PTY LTD

ABN 95 104 362 110

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Kemps Creek NSW 2178

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CERTIFICATE OF COMPLIANCE

The NATA endorsed test reports obtained by Network Geotechnics on samples of 75mm crushed sandstone from Hi-Quality Wallacia Quarry demonstrate compliance with RTA3071 – Selected Material Type A criteria.

Copies of the relevant test reports are attached for your records.

Client: JK Williams Contracting Pty Ltd

Project: Jordan Springs Village, Stage 4A & 4B

Period: 29/04/2013-10/07/2013

Quantity: 13,150 tonnes

Yours faithfully,

Cindy Liu

Products Technical Officer

TEST REPORT

Client: Hi Quality Pty Ltd
Principal: -
Project: Material Testing Control Testing - Wallacia Quarry
Location: Nortons Basin Road

Job No: W07/23 1 of 1
Tested By: PB, PT, HJ & BT Date: 29.4.13
Checked By: EO Date: 2.5.13

Sample Description: **75mm CSS**

Sample Procedure: AS1141.3.1 (CI 6.9.5b) - Backblading

Sample Date: **19.4.13**

Stockpile Number: RTA/W75CSS/01/13

ANALYSIS OF CRUSHED SANDSTONE RTA 3071

Test Procedure			Results					Specification	
			35	36	37	38	39	RTA 3071 Ed 1 Table 3071./A-.1 Select Fill (Type A)	Nominated Particle Size Distribution
T106									
Percentage Passing	100 mm sieve	%	100	100	100	100	100	100	100
Percentage Passing	75 mm sieve	%	100	100	100	100	100	95-100	100
Percentage Passing	53 mm sieve	%	100	100	100	100	100	-	100
Percentage Passing	37.5 mm sieve	%	98	93	97	98	98	-	97
Percentage Passing	26.5 mm sieve	%	85	79	86	92	84	-	85
Percentage Passing	19.0 mm sieve	%	74	68	74	81	73	50-85	74
Percentage Passing	13.2 mm sieve	%	66	58	67	70	64	-	65
Percentage Passing	9.5 mm sieve	%	58	52	60	63	56	-	57
Percentage Passing	6.7 mm sieve	%	53	48	54	58	50	40-80	53
Percentage Passing	4.75 mm sieve	%	48	42	49	53	46	-	48
Percentage Passing	2.36 mm sieve	%	43	37	41	47	41	35-70	42
T108									
Liquid Limit		%	20	19	21	21	20	-	
T109									
Plastic Limit		%	13	12	13	13	13	-	
Plasticity Index		%	7	7	8	7	7	15 max	
T114									
Maximum Dry Compressive Strength	MPa		-	-	-	-	-	2.0 min (if p <3)	
Corresponding Moisture Content	%		-	-	-	-	-	-	
Corresponding Dry Density	t/m ³		-	-	-	-	-	-	
*T117									
CBR Value@5.0mm pen.	%		45	60**	50	60	35	30min Top 150mm layer 15min Below Top 150mm layer	
Maximum Dry Density	t/m ³		2.01	2.05	2.03	2.03	2.02		
Optimum Moisture Content	%		7.4	8.2	8.7	8.5	10.3		

REMARKS

*Note: All test samples pretreated to RTA T102 CA3

** CBR Value @2.5mm pen.