

Our Ref : C214/310/401

Your Ref :

29 March 2000

RESOURCE MANAGEMENT [Mundubbera]
P O Box 170
Eumundi Q 4562

Attn : Mr M Whitty

Soils and Aggregate Testing

Dear Michael

Attached are reports for testing performed on a sample of siltstone rock submitted on 10 March, 2000.

An invoice showing the cost of the above-mentioned testing will be forwarded in due course.

Yours sincerely



(D.P. Roche)
PRINCIPAL TESTING OFFICER

REPORT on

UNCONFINED COMPRESSIVE STRENGTH of CUT PRISM (Rock)



Transport Technology Division
Materials Business Centre
35 Butterfield Street
Herston.

Client *RESOURCE MANAGEMENT (Mundubbera)*

Charge number -

Sample number *S00/244*

Material description *Siltstone*

Material source -

Sampling location -

Date sampled -- /-- /--

Date tested *21 /03 /2000*

Test Method *Based on AS/NZS 2350.11:1997 - Compressive Strength of Portland & Blended Cements*

TEST RESULTS

Dimensions

Length (mm)	<i>100.4</i>
Depth (mm)	<i>100.5</i>
Height (mm)	<i>100.0</i>

Compressive strength (MPa) *44.4*

Remarks *Prism cut from sample as received.*

Checked by

A blue ink signature, likely of the person who checked the report.

Signatory

A blue ink signature, likely of the person who signed the report.

REPORT on

SODIUM SULPHATE SOUNDNESS



Transport Technology Division
Materials Centre
35 Butterfield Street,
Herston.

Client *RESOURCE MANAGEMENT [Mundubbera] Attn: Michael Whitty*

Job no -

Sampling Method -

Date sampled --/--

Sampled by -

Sender's no -

Material source -

Sample location -

Lot no -

Material description *Siltstone*

Sample no *S00/244*

Test Method(s) *AS 1141.24 - 1997 Aggregate Soundness - Evaluation by exposure to sodium sulfate solution*

TEST RESULTS

Fraction (mm)	Percentage Loss
26.5 - 19.0	1.4
19.0 - 13.2	0.6
13.2 - 9.50	-
9.50 - 4.75	-
4.75 - 2.36	-
2.36 - 1.18	-
1.18 - 0.600	-
0.600 - 0.300	-
Weighted Loss	
Coarse Aggregate	-
Fine Aggregate	-
Total Aggregate	1.0

Variation(s) to Test Method -

Remark(s) *Sample produced by crushing block as received.*

Checked by

Signatory



National Association of Testing
Authorities, Australia

NATA Endorsed Test Report
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Report no **14287**

Date **29/03/00**

REPORT on

BULK DENSITY and WATER ABSORPTION



Transport Technology Division
Materials Business Centre
35 Butterfield Street
Herston.

Client	RESOURCE MANAGEMENT (Mundubbera)	Attn: Michael Whitty
Charge number	-	
Sampling Method	-	
Date sampled	--/--/--	
Sampled by	-	
Sender's number	-	
Material source	-	
Sample location	-	
Material description	Siltstone	
Sample number	S00/244	
Date tested	21/03/00	

Test Methods *AS 1141.5 - 1996 Particle Density and Water Absorption of Fine Aggregate*
 AS 1141.6.1 - 1995 Particle Density and Water Absorption of Coarse
 Aggregate - Weighing in Water Method.

TEST RESULTS	AS1141.5		AS1141.6.1
Apparent Particle Density (t/m^3)	-	Mean Apparent Particle Density (t/m^3)	2.53
Particle Density (Dry) (t/m^3)	-	Mean Particle Density (Dry) (t/m^3)	2.31
Particle Density (SSD) (t/m^3)	-	Mean Particle Density (SSD) (t/m^3)	2.40
Water Absorption (%)	-	Water Absorption (%)	3.6

Variation/Remark(s) : -

Checked by

Signatory



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Report no 14250

21/03/00