

# SEALS Brisbane Pty Ltd

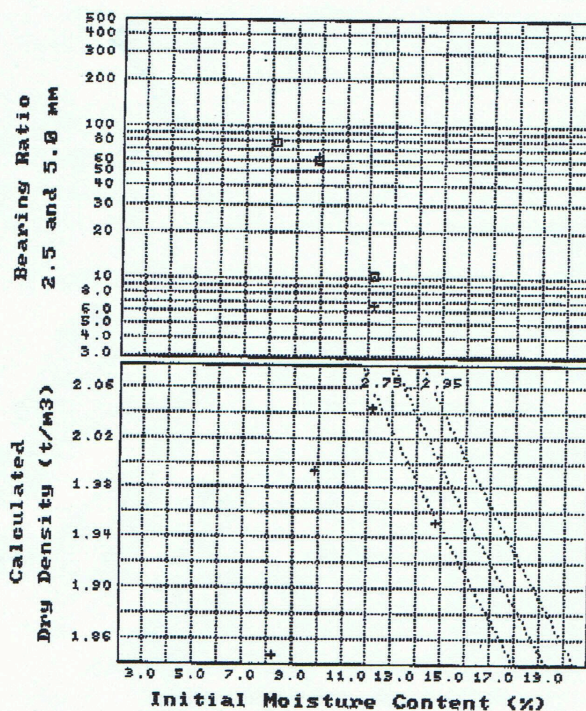
143-157 Harrison Rd, Cedar Vale, Qld, 4285, Australia  
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04/05/2007 11:48 0741690156 WONDAL SHIRE ENG PAGE 05/05

Queensland KINGAROY SHIRE COUNCIL ENGINEERING SERVICES DEPT.		SOIL LABORATORY IVINS STREET KINGAROY NATA ACCREDITED 11362		REPORT ON CALIFORNIA BEARING RATIO	
Lab Number :	KS07/061	Lot Number :	Rqst No:		
Job Number :	85-8590-3197	Chainage :			
Item number :	B INV	Sample Loc.:	Mundubbera rd		
Submitted by :	WONDAL SHIRE	Depth :	Layer :		
Senders No :		Mat Source :	Existing Pavement		
Sampled By :	CLIENT	Item Desc. :	Investigation on Base material		
Samp. Method :	UNKNOWN				
Date sampled :	01/03/07				
Date tested :	06/03/07				

Initial Moisture Content (%)	Calculated Dry Density (t/m <sup>3</sup> )	Bearing Ratio 2.5 mm	Bearing Ratio 5.0 mm	Swell (%)	MC After Pene. (%)
8.2	1.846	83.0	79.0		
9.9	1.993	63.0	60.0		
12.2	2.044	6.6	10.2		
14.8	1.952	0.6	1.1		



## Test Condition

Unsoaked

Compactive Effort

100% STD

+ — CBR 2.5mm

■ — CBR 5.0mm

Test Method Q113A

CBR OMC (%) 12.2

CBR MDD (t/m<sup>3</sup>) 2.04

CBR 2.5mm 7.0

CBR 5.0mm 10

Material CBR Value 10



This document is issued in  
accordance with NATA's  
Accreditation requirements.

Accreditation No 11362

Accredited for compliance  
with ISO 9001:2005

Remarks : without additive, Wondai Shire Council PO Box 42	
Checked By : T.B. Blackburn (O.I.C.)	Signatory : T.J. Blackburn
Page : 1 of 1	Report No : 4493 Date : 06/03/07



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WONDAI SHIRE ENG

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Queensland  
KINGAROOY SHIRE COUNCIL

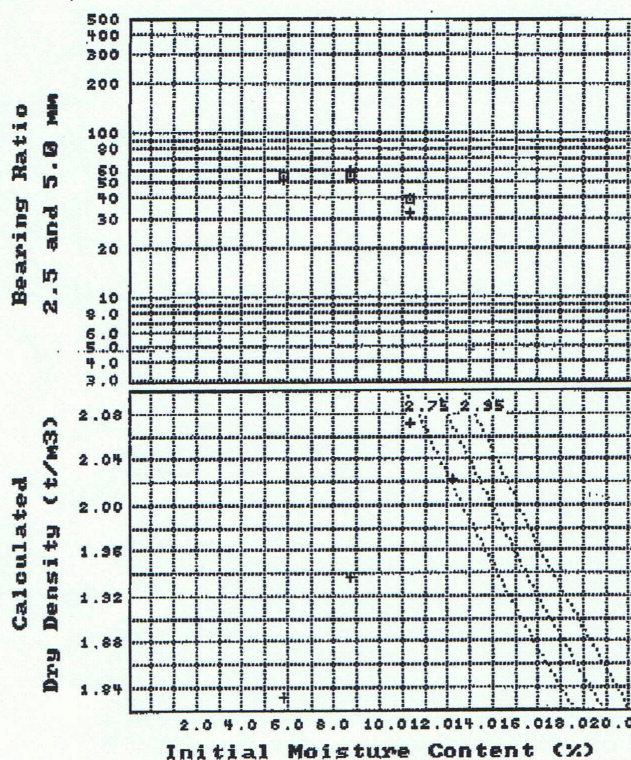
ENGINEERING SERVICES DEPT.

SOIL LABORATORY  
IVINS STREET KINGAROOY  
NATA ACCREDITED 11362

REPORT ON  
CALIFORNIA  
BEARING RATIO

Lab Number : KS07/060 Lot Number : \_\_\_\_\_ Rqst No: \_\_\_\_\_  
Job Number : 85-8590-3197 Chainage : \_\_\_\_\_  
Item number : B. INV Sample Loc.: Mundubbera rd  
Submitted by : WONDAI SHIRE  
Senders No : \_\_\_\_\_ Depth : \_\_\_\_\_ Layer : \_\_\_\_\_  
Sampled By : CLIENT Mat Source : Existing Pavement  
Samp. Method : UNKNOWN  
Date sampled : 01/03/07 Item Desc. : Investigation on Base material  
Date tested : 02/03/07

Initial Moisture Content (%)	Calculated Dry Density (t/m <sup>3</sup> )	Bearing Ratio 2.5 mm	Bearing Ratio 5.0 mm	Swell (%)	MC After Pene. (%)
5.8	1.831	52.0	55.0		
8.7	1.937	59.0	55.0		
11.4	2.072	32.0	39.0		
13.2	2.021	1.3	2.1		



Test Condition

Unsoaked

Compactive Effort

100% STD

+ CBR 2.5mm  
□ CBR 5.0mm

Test Method Q113A

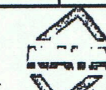
CBR OMC (%) 11.4

CBR MDD (t/m<sup>3</sup>) 2.07

CBR 2.5mm 17

CBR 5.0mm 23

Material CBR Value 23



WORLD RECOGNISED  
ACCREDITATION

This document is issued in  
accordance with NATA's  
Accreditation requirements.

Remarks : Wondai Shire Council PO Box 42 Wondai 4606.

Accreditation No 11362

Checked By : T.J. Blackburn (O.I.C.)

Signatory : T.J. Blackburn (O.I.C.)

Accredited for compliance  
with ISO/IEC 17025

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Report No : 4484

Date : 02/03/07

This Document shall not be  
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