

CALIFORNIA BEARING RATIO

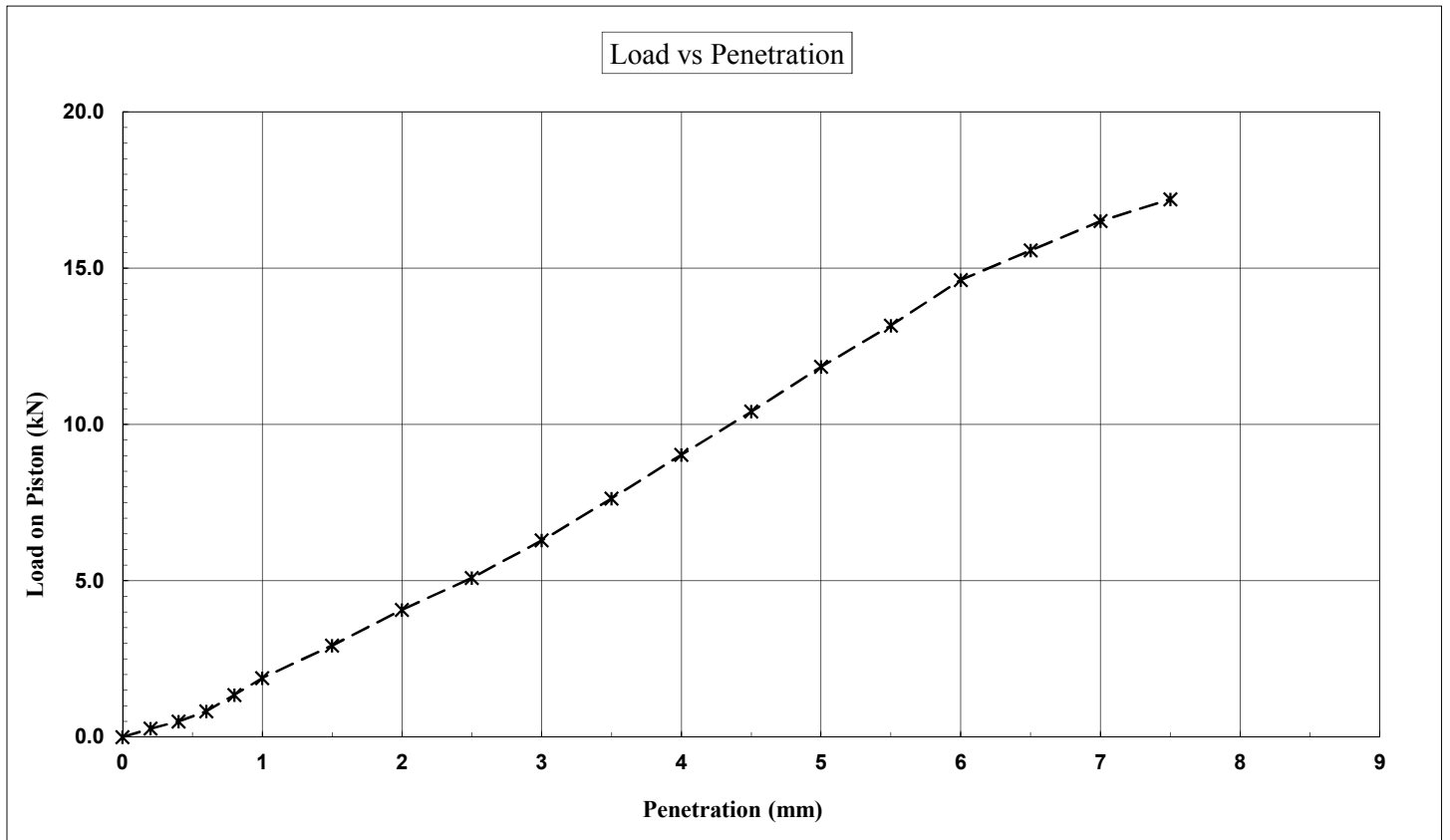
Issue No: 1

Distribution: 1. K & J Baker
2. Lab File
3. W/S

Test Methods
AS1289.6.1.1, AS1289.2.1.1

REPORT No: B151165
Sample No: 1 of 1
Page No: 1 of 2

<u>Client</u> K & J Baker	<u>Hwy/Municipality</u> HRCC	<u>Section/Road:</u> Various	
<u>Location:</u> Various	<u>Order/Job No:</u>	<u>Job Description:</u> Material Investigations	
<u>Material Description</u> Quartz Gravel	<u>Origin</u> Gre Gre	<u>Sampled from</u> Pit stockpile	
<u>Preparation</u> Remoulded to approx. 100% Modified Maximum Dry Density & OMC Soaked for four(4) days	<u>Compaction Level Achieved</u> 100% MDD & OMC	<u>Surcharge Mass</u> 4.5 kg	<u>% Oversize</u> 8 % - Excluded
	<u>Swell (as % of initial height)</u> 0.0	<u>Compacted Date</u> 15th Oct. 2015	<u>Test Date</u> 19th Oct. 2015



Sampled By:

Client

Date: 30th September 2015

Condition	Moisture Content (%)	Dry Density (t/m ³)	Results		
			Type	Penetration	CBR (%)
At Compaction:	7.0	2.13	TOP	- 5.0 mm	70.0
After Soaking:	8.1	2.13			
After Test - Top 30mm:	7.7				
After Test - Remainder:	7.7	-			
Field Values:	4.2	-			
Modified Compaction:	7.0	2.14			
			<u>Remarks</u> Correction of 0.5mm applied to load/penetration curve.		

NATA Accredited Laboratory Number: 9760



Accredited for compliance with
ISO/IEC 17025

M. R. Talbot

Approved Signatory
M. R. Talbot

20th October 2015

Date

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COMPACTION

REPORT NUMBER	
B151165	Page No: 2 of 2
Issue No: 1	

Distribution 1: K & J Baker
2: Lab File
3: W/S

Test Methods
AS1289.5.2.1, AS1289.2.1.1

<u>Client</u> K & J Baker		<u>Hwy/Municipality</u> HRCC		<u>Section/Road:</u> Various	
<u>Location:</u> Various		<u>Job Description:</u> Material Investigation		<u>Job/Order No:</u>	
Laboratory Sample No:		1			
Material Description:		Quartz Gravel			
Origin:		Gre Gre			
Sampled from:		Pit Stockpile			
Type(Modified or Standard)		Modified			
Mould		Proctor			
Percentage of Oversize Material(Dry)		8			
Oversize Sieve Size (mm)		19.0			
Additive (%)					
Seasoning Water (H)					
Seasoning Additive (H)					
Point A	M/C %	5.0			
	Dry Dens t/m3	2.038			
Point B	M/C %	6.0			
	Dry Dens t/m3	2.089			
Point C	M/C %	7.1			
	Dry Dens t/m3	2.135			
Point D	M/C %	8.4			
	Dry Dens t/m3	2.084			
Point E	M/C %				
	Dry Dens t/m3				
Optimum Moisture Content (%)		7.0			
Maximum Dry Density (t/m3)		2.137			

NATA Accredited Laboratory Number: 9760		<u>Remarks</u>
 Accredited for compliance with ISO/IEC 17025		

Sampled By: Client **Date Sampled:** 30th Sept. 2015

M. R. Talbot

20th October 2015

Approved Signatory
M. R. Talbot

Date
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