

Appendix B

Laboratory Test Results

California Bearing Ratio

Report No: CBR:KPAR09S-01162

Issue No: 1

This report replaces all previous issues of report no 'CBR:KPAR09S-01162'.

Client: Coffey Geotechnics Pty Ltd
1/36 Kerryll Street
Kunda Park QLD 4558

Principal:

Job No: INFOKPAR00055AA

Project: GEOTKPAR01560AA Bellvista

Lot No: **TRN:**



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Approved Signatory: Leon Rossi
(Geotechnician)
NATA Accredited Laboratory Number: 431
Date of Issue: 11/06/2009

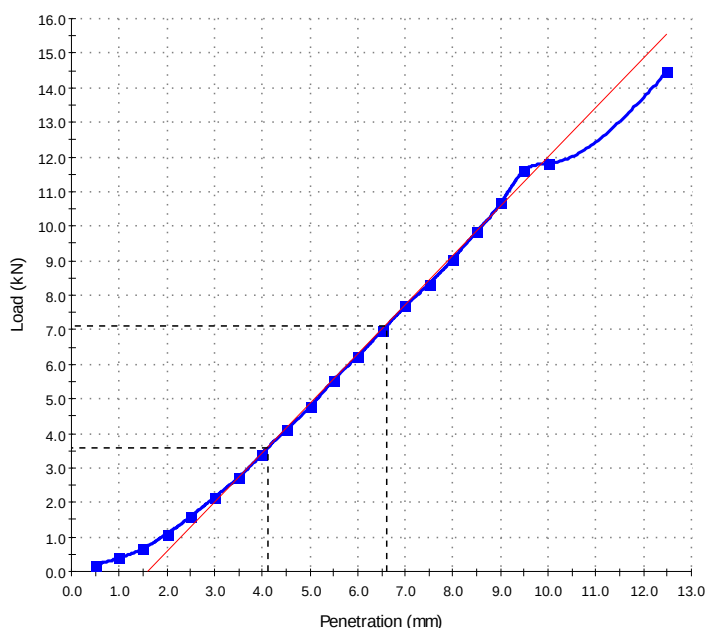
Sample Details

Product:	In-situ	Date Sampled:	26/05/2009
Source:	On-site	Sampling Method:	AS1289.1.2.1 Clause 6.5
Location:	BH03 0.6m - 0.9m	Sample ID:	KPAR09S-01162
Client Ref:	00019		

Test Results

Description	Result
Test Method	AS 1289.6.1.1
Maximum Dry Density (t/m ³)	2.100
Optimum Moisture Content (%)	7.7
CBR 2.5mm (%)	27
CBR 5.0mm (%)	36
Preparation	Soaked
Initial Moisture Content (%)	8.0
Achieved Dry Density (t/m ³)	2.079
Achieved Moisture Content (%)	8.0
Swell (%)	-0.3
Period of Soaking (days)	4
Moisture Content of Top 30mm (%)	8.5
Moisture of Penetrated End (%)	8.5
Compaction Type	Standard
Surcharge Mass (kg)	4.50
Laboratory Moisture Ratio After Compaction (%)	104
Laboratory Density Ratio After Compaction (%)	99
Oversize Material	Excluded
Oversize Material (%)	0.0

Chart



CBR (%): 36

Rate of Penetration 1.0

Comments

N/A

California Bearing Ratio

Report No: CBR:KPAR09S-01158

Issue No: 1

This report replaces all previous issues of report no 'CBR:KPAR09S-01158'.

Client: Coffey Geotechnics Pty Ltd
1/36 Kerryll Street
Kunda Park QLD 4558

Principal:

Job No: INFOKPAR00055AA

Project: GEOTKPAR01560AA Bellvista

Lot No: **TRN:**



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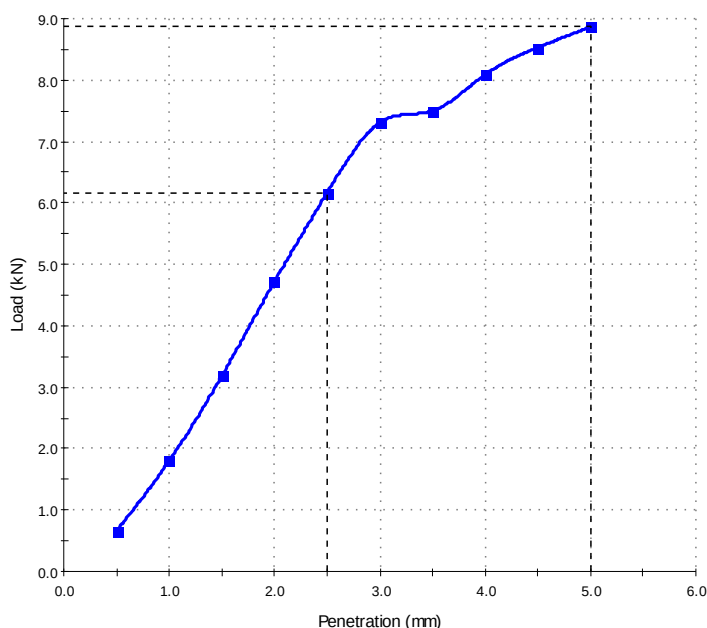
Sample Details

Product:	In-situ	Date Sampled:	26/05/2009
Source:	On-site	Sampling Method:	AS1289.1.2.1 Clause 6.5
Location:	BH29 0.3m - 0.6m	Sample ID:	KPAR09S-01158
Client Ref:	00009		

Test Results

Description	Result
Test Method	AS 1289.6.1.1
Maximum Dry Density (t/m ³)	1.910
Optimum Moisture Content (%)	9.2
CBR 2.5mm (%)	47
CBR 5.0mm (%)	45
Preparation	Soaked
Initial Moisture Content (%)	8.8
Achieved Dry Density (t/m ³)	1.900
Achieved Moisture Content (%)	8.8
Swell (%)	-17.2
Period of Soaking (days)	4
Moisture Content of Top 30mm (%)	11.2
Moisture of Penetrated End (%)	11.2
Compaction Type	Standard
Surcharge Mass (kg)	4.50
Laboratory Moisture Ratio After Compaction (%)	95
Laboratory Density Ratio After Compaction (%)	100
Oversize Material	Excluded
Oversize Material (%)	0.0

Chart



CBR (%): 47

Rate of Penetration 1.0

Comments

N/A

California Bearing Ratio

Report No: CBR:KPAR09S-01159

Issue No: 1

This report replaces all previous issues of report no 'CBR:KPAR09S-01159'.

Client: Coffey Geotechnics Pty Ltd
1/36 Kerryll Street
Kunda Park QLD 4558

Principal:

Job No: INFOKPAR00055AA

Project: GEOTKPAR01560AA Bellvista

Lot No: **TRN:**



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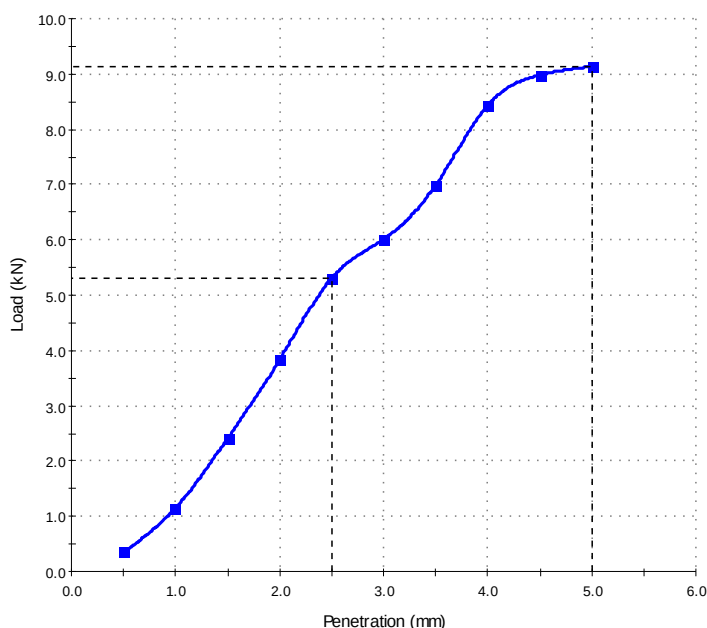
Sample Details

Product:	In-situ	Date Sampled:	26/05/2009
Source:	On-site	Sampling Method:	AS1289.1.2.1 Clause 6.5
Location:	BH38 0.4m - 0.8m	Sample ID:	KPAR09S-01159
Client Ref:	00010		

Test Results

Description	Result
Test Method	AS 1289.6.1.1
Maximum Dry Density (t/m ³)	1.940
Optimum Moisture Content (%)	7.6
CBR 2.5mm (%)	40
CBR 5.0mm (%)	46
Preparation	Soaked
Initial Moisture Content (%)	7.9
Achieved Dry Density (t/m ³)	1.929
Achieved Moisture Content (%)	7.9
Swell (%)	-0.1
Period of Soaking (days)	4
Moisture Content of Top 30mm (%)	9.9
Moisture of Penetrated End (%)	9.9
Compaction Type	Standard
Surcharge Mass (kg)	4.50
Laboratory Moisture Ratio After Compaction (%)	104
Laboratory Density Ratio After Compaction (%)	99
Oversize Material	Excluded
Oversize Material (%)	

Chart



CBR (%): 46

Rate of Penetration 1.0

Comments

N/A

California Bearing Ratio

Report No: CBR:KPAR09S-01160

Issue No: 1

This report replaces all previous issues of report no 'CBR:KPAR09S-01160'.

Client: Coffey Geotechnics Pty Ltd
1/36 Kerryll Street
Kunda Park QLD 4558

Principal:

Job No: INFOKPAR00055AA

Project: GEOTKPAR01560AA Bellvista

Lot No: **TRN:**



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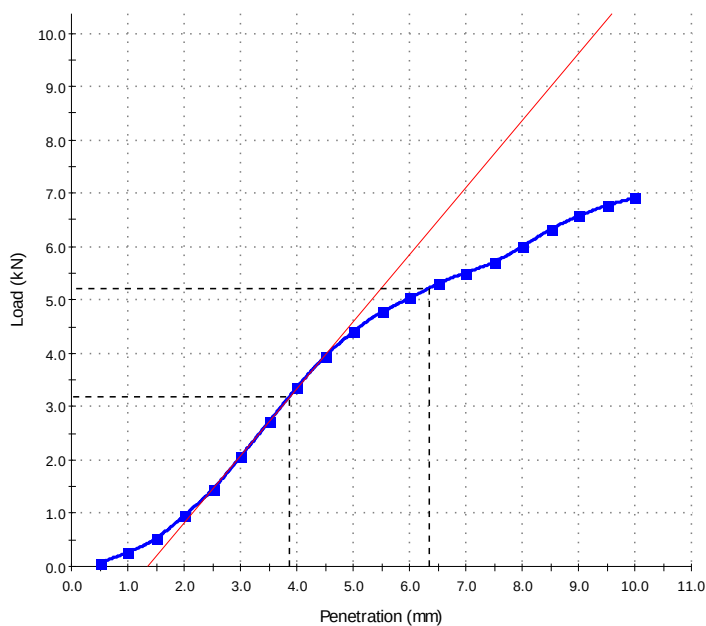
Sample Details

Product:	In-situ	Date Sampled:	26/05/2009
Source:	On-site	Sampling Method:	AS1289.1.2.1 Clause 6.5
Location:	BH66 0.2m - 0.5m	Sample ID:	KPAR09S-01160
Client Ref:	00011		

Test Results

Description	Result
Test Method	AS 1289.6.1.1
Maximum Dry Density (t/m ³)	1.980
Optimum Moisture Content (%)	8.1
CBR 2.5mm (%)	24
CBR 5.0mm (%)	26
Preparation	Soaked
Initial Moisture Content (%)	8.4
Achieved Dry Density (t/m ³)	1.966
Achieved Moisture Content (%)	8.4
Swell (%)	-0.2
Period of Soaking (days)	4
Moisture Content of Top 30mm (%)	10.3
Moisture of Penetrated End (%)	10.3
Compaction Type	Standard
Surcharge Mass (kg)	4.50
Laboratory Moisture Ratio After Compaction (%)	104
Laboratory Density Ratio After Compaction (%)	99
Oversize Material	Excluded
Oversize Material (%)	0.0

Chart



CBR (%): 26

Rate of Penetration 1.0

Comments

N/A