

CALIFORNIA BEARING RATIO (CBR) TEST REPORT

ASTM D1883

Project: Hope Bay Construction QC/QA

Sample No.: 6510

Client: SRK Consulting (Canada) Inc.

Max. Dry Density (ASTM D698): 2290 kg/m³

Project No.: E12202206

Optimum Moisture Content: 6.7 %

Test Date: August 24, 2011

CBR Specimen Density: 2042 kg/m³

Soaking: 96.0 Hours

CBR Speciman Compaction 89.0 %

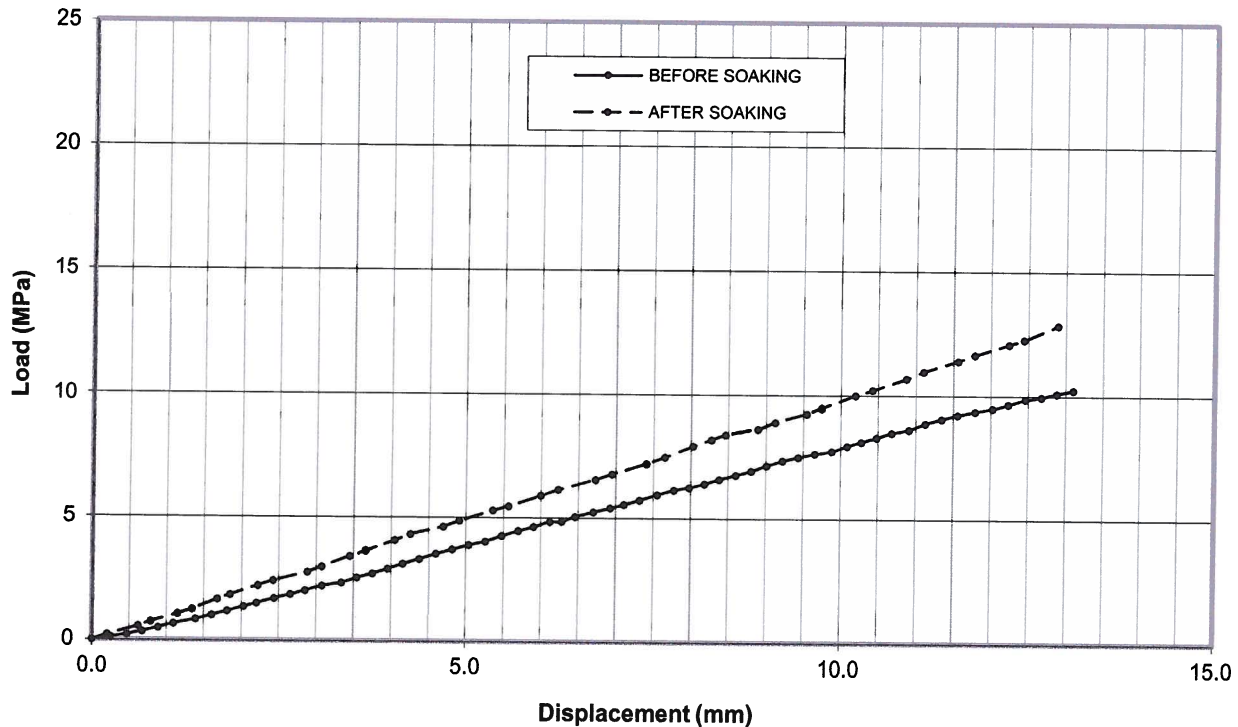
Description: CRUSHED STONE (20mm max), sand
and gravel, tr. silt - grey

Surcharge Mass: 4.54 kg

Total Swell: -0.10 %

	Before Soaking	After Soaking
Bearing Ratio (2.54mm) =	44.5 %	42.1 %
Bearing Ratio (5.08mm) =	50.2 %	52.3 %
Moisture Content =	6.8 %	6.1 %
Moisture Content @ 25.4mm =	-	5.3 %

Load-Penetration



Remarks: No. of blows per layer = 10

Reviewed By: JPR P.Eng.

Data presented hereon is for the sole use of the stipulated client. EBA is not responsible, nor can be held liable, for use made of this report by any other party, with or without the knowledge of EBA. The testing services reported herein have been performed by an EBA technician to recognized industry standards, unless otherwise noted. No other warranty is made. These data do not include or represent any interpretation or opinion of specification compliance or material suitability. Should engineering interpretation be required, EBA will provide it upon written request.

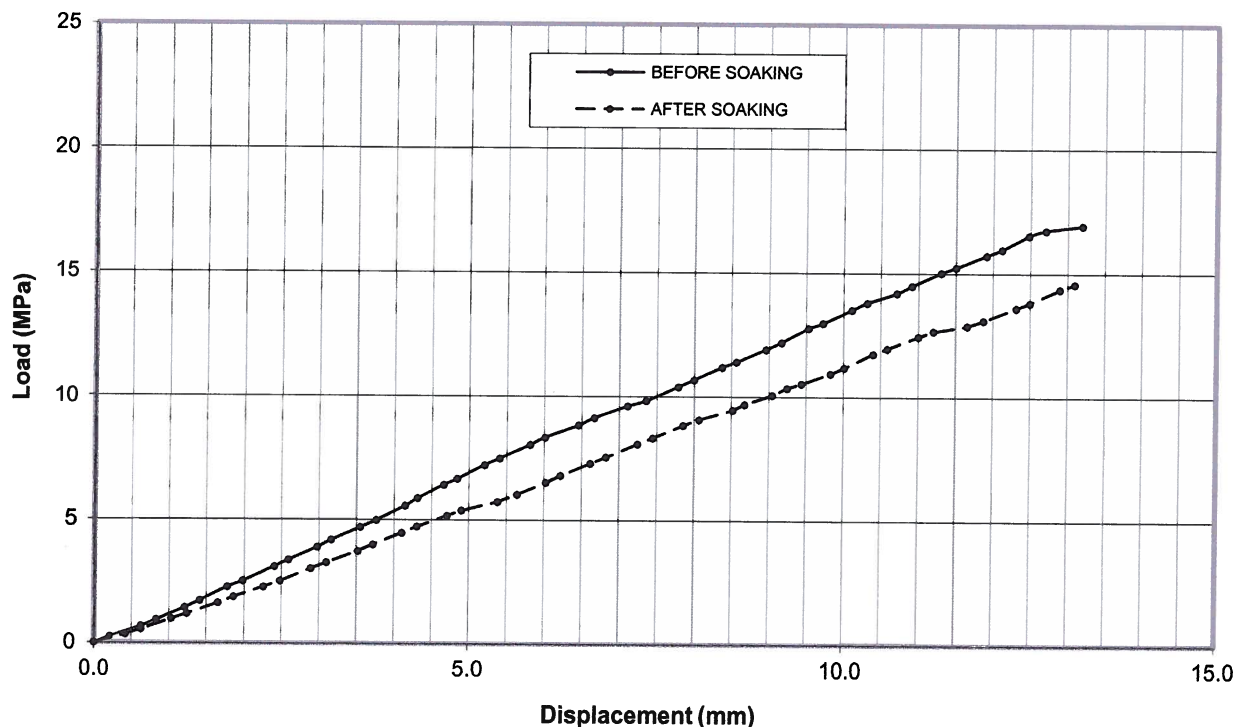
CALIFORNIA BEARING RATIO (CBR) TEST REPORT

ASTM D1883

Project:	Hope Bay Construction QC/QA	Sample No.:	6510
Client:	SRK Consulting (Canada) Inc.	Max. Dry Density (ASTM D698):	2290 kg/m ³
Project No.:	E12202206	Optimum Moisture Content:	6.7 %
Test Date:	August 24, 2011	CBR Specimen Density:	2145 kg/m ³
Soaking:	96.0 Hours	CBR Speciman Compaction	94.0 %
Description:	CRUSHED STONE (20mm max), sand and gravel, tr. silt - grey	Surcharge Mass:	4.54 kg
		Total Swell:	-0.06 %

	Before Soaking	After Soaking
Bearing Ratio (2.54mm) =	61.4 %	54.9 %
Bearing Ratio (5.08mm) =	76.8 %	63.9 %
Moisture Content =	6.8 %	6.0 %
Moisture Content @ 25.4mm =	-	5.8 %

Load-Penetration



Remarks: No. of blows per layer = 25

Reviewed By: _____

P.Eng.

Data presented hereon is for the sole use of the stipulated client. EBA is not responsible, nor can be held liable, for use made of this report by any other party, with or without the knowledge of EBA. The testing services reported herein have been performed by an EBA technician to recognized industry standards, unless otherwise noted. No other warranty is made. These data do not include or represent any interpretation or opinion of specification compliance or material suitability. Should engineering interpretation be required, EBA will provide it upon written request.

CALIFORNIA BEARING RATIO (CBR) TEST REPORT

ASTM D1883

Project: Hope Bay Construction QC/QA

Sample No.: 6510

Client: SRK Consulting (Canada) Inc.

Max. Dry Density (ASTM D698): 2290 kg/m³

Project No.: E12202206

Optimum Moisture Content: 6.7 %

Test Date: August 24, 2011

CBR Specimen Density: 2285 kg/m³

Soaking: 96.0 Hours

CBR Speciman Compaction 99.8 %

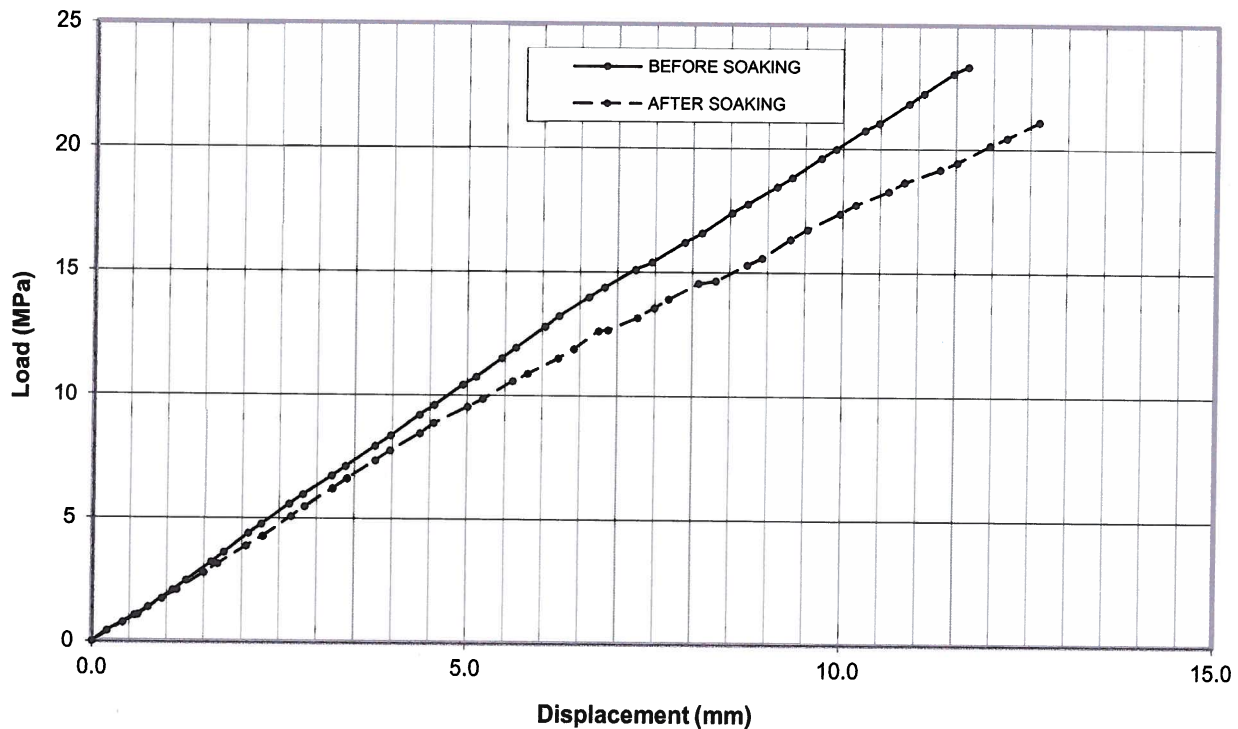
Description: CRUSHED STONE (20mm max), sand
and gravel, tr. silt - grey

Surcharge Mass: 4.54 kg

Total Swell: 0.00 %

	Before Soaking	After Soaking
Bearing Ratio (2.54mm) =	87.6 %	78.6 %
Bearing Ratio (5.08mm) =	109.7 %	98.1 %
Moisture Content =	6.8 %	5.3 %
Moisture Content @ 25.4mm =	-	4.9 %

Load-Penetration



Remarks: No. of blows per layer = 56

Reviewed By: _____

[Signature]

P.Eng.

Data presented hereon is for the sole use of the stipulated client. EBA is not responsible, nor can be held liable, for use made of this report by any other party, with or without the knowledge of EBA. The testing services reported herein have been performed by an EBA technician to recognized industry standards, unless otherwise noted. No other warranty is made. These data do not include or represent any interpretation or opinion of specification compliance or material suitability. Should engineering interpretation be required, EBA will provide it upon written request.