

Project Title : **60544202**
 Job Number : **Beaulieu CBGM mix design**
 Bulk Reference : **T0644**
 Location of Testing : **AECOM Laboratory, Nottingham**

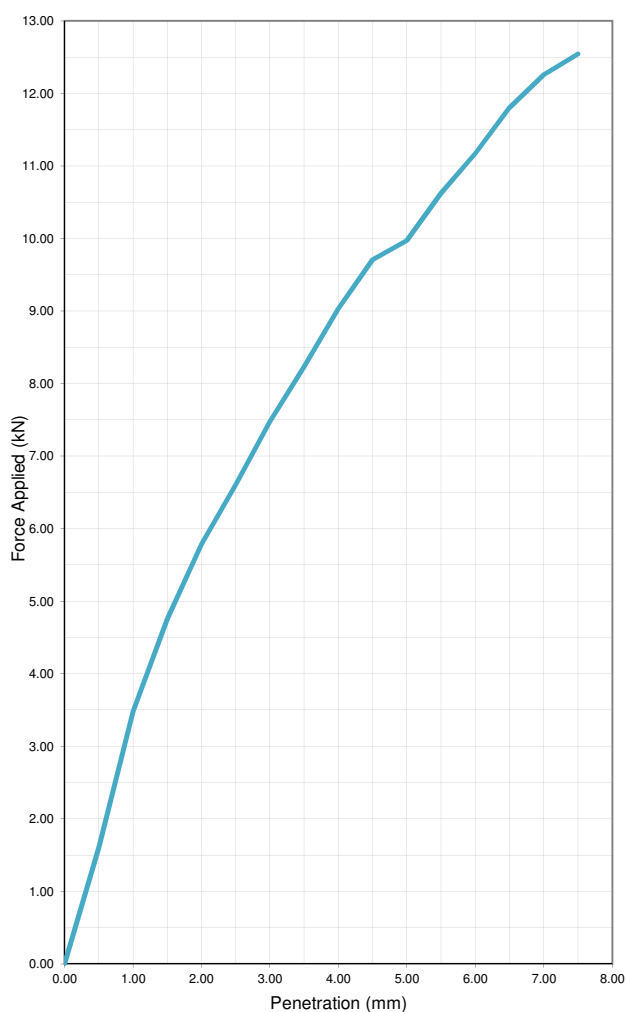
Tested By : **NAL**
 Reported By : **BA**
 Checked By : **NAL**
 Date of Issue : **26 October 2017**

Sample ID : 1
 Hole ID : #N/A
 Sample Description : Gravelly fine to coarse SAND

Condition of Sample : Bulk
 Sample Depth (m): #N/A

Method of Preparation : BS EN 13286-47:2012

Penetration of Plunger (mm)	Force Reading (kN)
	Top
0.00	0.00
0.50	1.61
1.00	3.48
1.50	4.76
2.00	5.79
2.50	6.61
3.00	7.47
3.50	8.23
4.00	9.03
4.50	9.71
5.00	9.97
5.50	10.63
6.00	11.17
6.50	11.80
7.00	12.26
7.50	12.54



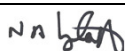
Initial Specimen details	
Bulk density (Mg/m ³)	2.06
Dry density (Mg/m ³)	1.98
Moisture content (%)	4.2

Surcharge (kg)	n/a
Soaking Time (hr)	n/a
Swell (mm)	n/a

	Corrected	CBR Value (%)		Moisture Content (%)
		At 2.5mm	At 5.0mm	
Top	No	50	50	3.3
IBI		50		

Comments and Deviations:

Checked by: -



Date: -

26 October 2017

Project Title : **60544202**
 Job Number : **Beaulieu CBGM mix design**
 Bulk Reference : **T0644**
 Location of Testing : **AECOM Laboratory, Nottingham**

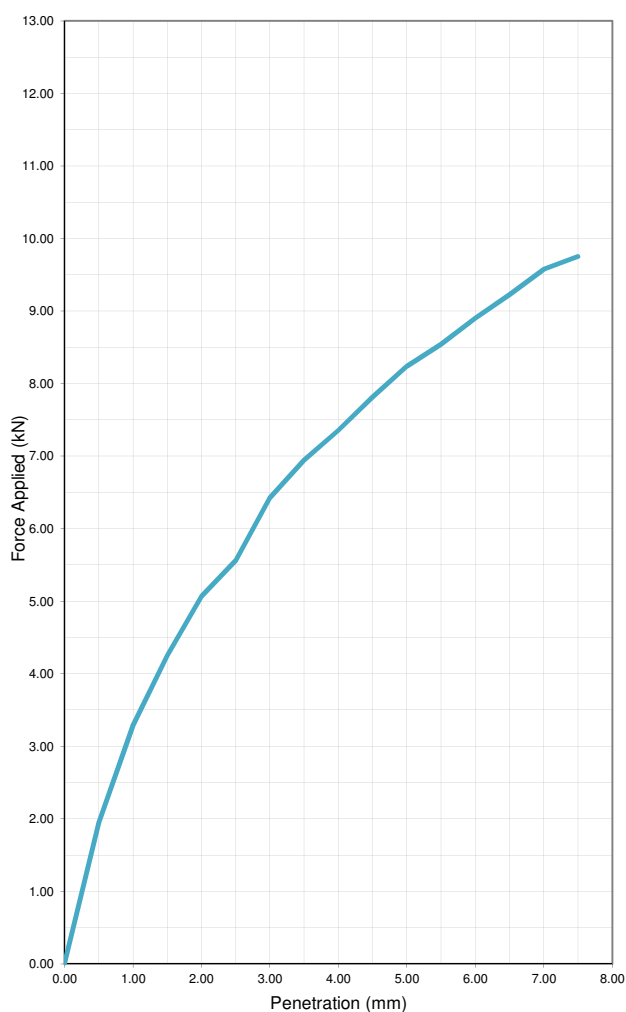
Tested By : **NAL**
 Reported By : **BA**
 Checked By : **NAL**
 Date of Issue : **26 October 2017**

Sample ID : **2**
 Hole ID : **#N/A**
 Sample Description : **Gravelly fine to coarse SAND**

Condition of Sample : **Bulk**
 Sample Depth (m): **#N/A**

Method of Preparation : **BS EN 13286-47:2012**

Penetration of Plunger (mm)	Force Reading (kN)
	Top
0.00	0.01
0.50	1.95
1.00	3.29
1.50	4.25
2.00	5.07
2.50	5.56
3.00	6.42
3.50	6.94
4.00	7.36
4.50	7.81
5.00	8.24
5.50	8.54
6.00	8.90
6.50	9.22
7.00	9.58
7.50	9.75



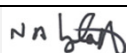
Initial Specimen details	
Bulk density (Mg/m ³)	2.05
Dry density (Mg/m ³)	1.96
Moisture content (%)	4.2

Surcharge (kg)	n/a
Soaking Time (hr)	n/a
Swell (mm)	n/a

	Corrected	CBR Value (%)		Moisture Content (%)
		At 2.5mm	At 5.0mm	
Top	No	42	41	3.3
IBI		42		

Comments and Deviations:

Checked by: -



Date: -

26 October 2017

Project Title : **60544202**
 Job Number : **Beaulieu CBGM mix design**
 Bulk Reference : **T0644**
 Location of Testing : **AECOM Laboratory, Nottingham**

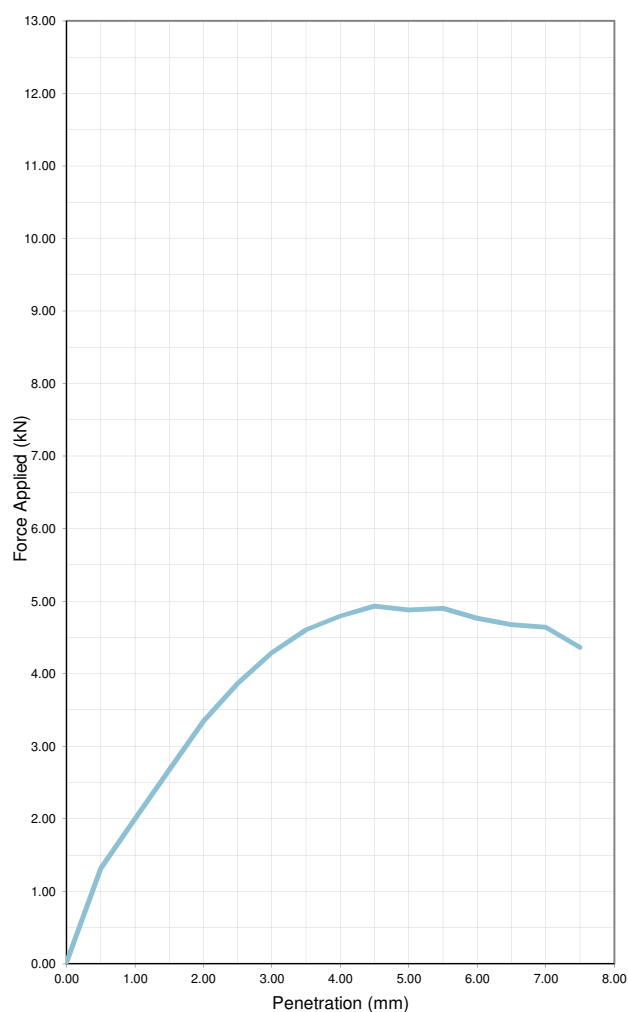
Tested By : **NAL**
 Reported By : **BA**
 Checked By : **NAL**
 Date of Issue : **26 October 2017**

Sample ID : **3**
 Hole ID : **#N/A**
 Sample Description : **Gravelly fine to coarse SAND**

Condition of Sample : **Bulk**
 Sample Depth (m) : **#N/A**

Method of Preparation : **BS EN 13286-47:2012**

Penetration of Plunger (mm)	Force Reading (kN)
	Top
0.00	0.02
0.50	1.32
1.00	2.00
1.50	2.68
2.00	3.35
2.50	3.87
3.00	4.29
3.50	4.60
4.00	4.80
4.50	4.93
5.00	4.88
5.50	4.90
6.00	4.76
6.50	4.68
7.00	4.64
7.50	4.36



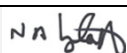
Initial Specimen details	
Bulk density (Mg/m ³)	2.03
Dry density (Mg/m ³)	1.94
Moisture content (%)	4.2

Surcharge (kg)	n/a
Soaking Time (hr)	n/a
Swell (mm)	n/a

	Corrected	CBR Value (%)		Moisture Content (%)
		At 2.5mm	At 5.0mm	
Top	No	29	24	3.1
IBI		29		

Comments and Deviations:

Checked by: -



Date: -

26 October 2017