

Project Title : **Beaulieu CBGM mix design**

Job Number : **60544202**

Ticket Number : **0644-1**

Location of Testing : **AECOM Nottingham Laboratory, NG9 6RZ**

Tested By : **Giulia Lo Canto**

Reported By : **Giulia Lo Canto**

Checked By : **Eric Draper**

Date of Issue : **10 August 2017**

Sample Reference : **0644.09.00**

Material Description : **Light brown gravelly fine to coarse SAND with rare clay**

Optimum Water Content : **4.6%**

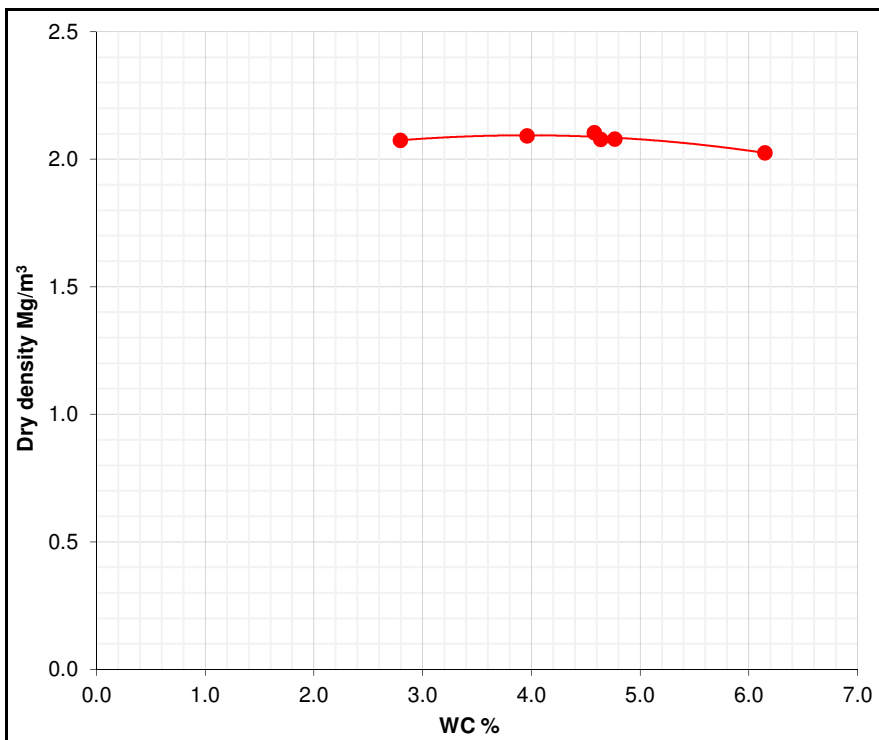
Maximum Density : **2.104 Mg/m<sup>3</sup>**

Percentage Passing Test Sieves			Preparation Clause	Mass of Sample (kg)	Proctor Mould
16mm	31.5mm	63mm			
100	-	-	6.4	15	A
				40	B
75 to 100	100	-	6.5.1	40	B
<75	75 to 100	100	6.5.2	40	B
-	< 75	75 to 100	6.5.3	200	C

Test Sieve	Retained (%)
63mm	0%
31.5mm	6%
16mm	0%

Mass of Rammer	2.5 kg
Diameter of Rammer	50 mm
Height of Fall	305 mm
Number of Layers	3
Number of Blows/Layer	56

Water Content (%)	Dry Density $\rho$ (Mg/m <sup>3</sup> )
2.8	2.074
4.0	2.092
4.6	2.104
4.6	2.077
4.8	2.079
6.1	2.025



Comments and Deviations:

Checked by: -

Date: - **24 August 2017**