

Project No. A190707
 Project ID Hornsey Gas Works
 Client Keltbray



CBR Swell Monitoring

BS 1377-4 / BS EN 13286-47

Sample ID	Val-011	
Compaction Method	Vibrating Hammer	
Curing period	4	days

Mould Mass (g)	386.0	g
Mold Diameter (mm)	152.0	mm
Mould Hieght (mm)	125.3	mm
Mass of Mould + Specimen (g)	4839.5	g
Mass of Base Plate (g)	220.0	g
Initial Soaking Time (days)	/	days
Water Appeared at Surface (days)	/	days
Final Mass of Specimen + Mould + Base Plate (g)	5107.5	g

	Tray	Wet	Dry	
Final Moisture Content	-	-	-	g

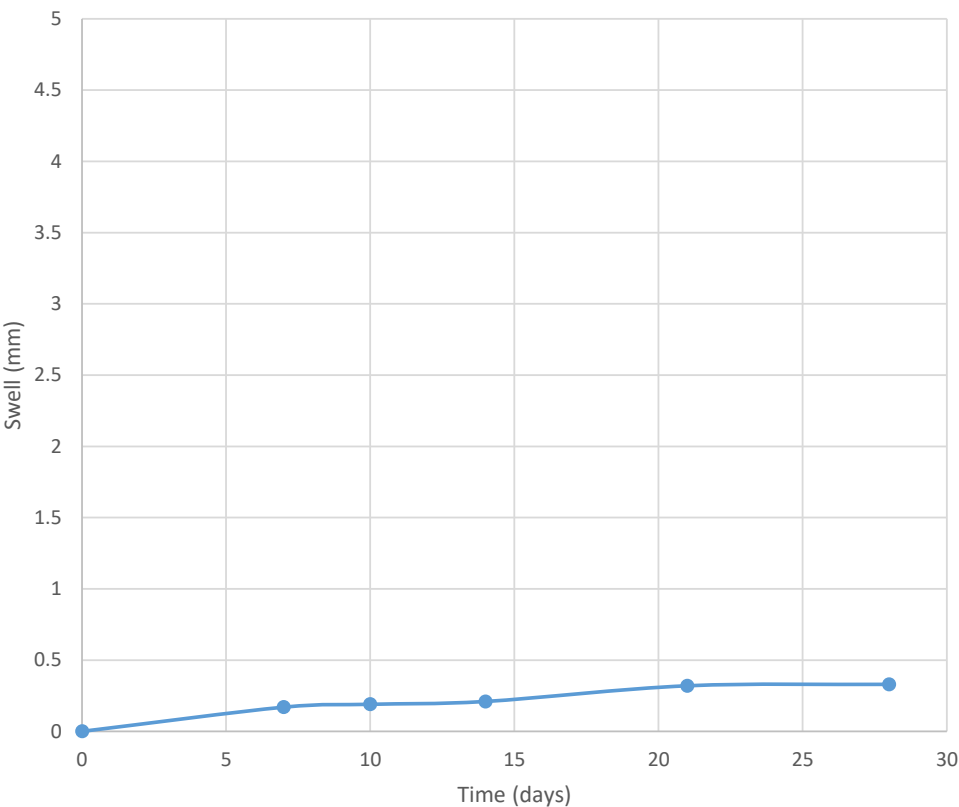
Swell Measurement Readings

Initial at 0 days	5.00	mm
After Soaking Time	5.08	mm
7 days	5.17	mm
10 days	5.19	mm
14 days	5.21	mm
21 days	5.32	mm
28 days	5.33	mm

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CBR after 28 days Soaking

140 %

Moisture Content after 28 days Soaking

N/A %

Bulk Density

2.011 Mg/m³

Dry Density

N/A Mg/m³

Veritcal Swell

0.33 mm

Volumetric Swell

0.217 %