

Project No. A190707
 Project ID Hornsey Gas Works
 Client Keltbray



CBR Swell Monitoring

BS 1377-4 / BS EN 13286-47

Sample ID	Val-004	
Compaction Method	Vibrating Hammer	
Curing period	4	days

Mould Mass (g)	372.0	g
Mold Diameter (mm)	152.0	mm
Mould Hieght (mm)	124.5	mm
Mass of Mould + Specimen (g)	4426.0	g
Mass of Base Plate (g)	258.0	g
Initial Soaking Time (days)	/	days
Water Appeared at Surface (days)	/	days
Final Mass of Specimen + Mould + Base Plate (g)	4830.5	g

	Tray	Wet	Dry	
Final Moisture Content	-	-	-	g

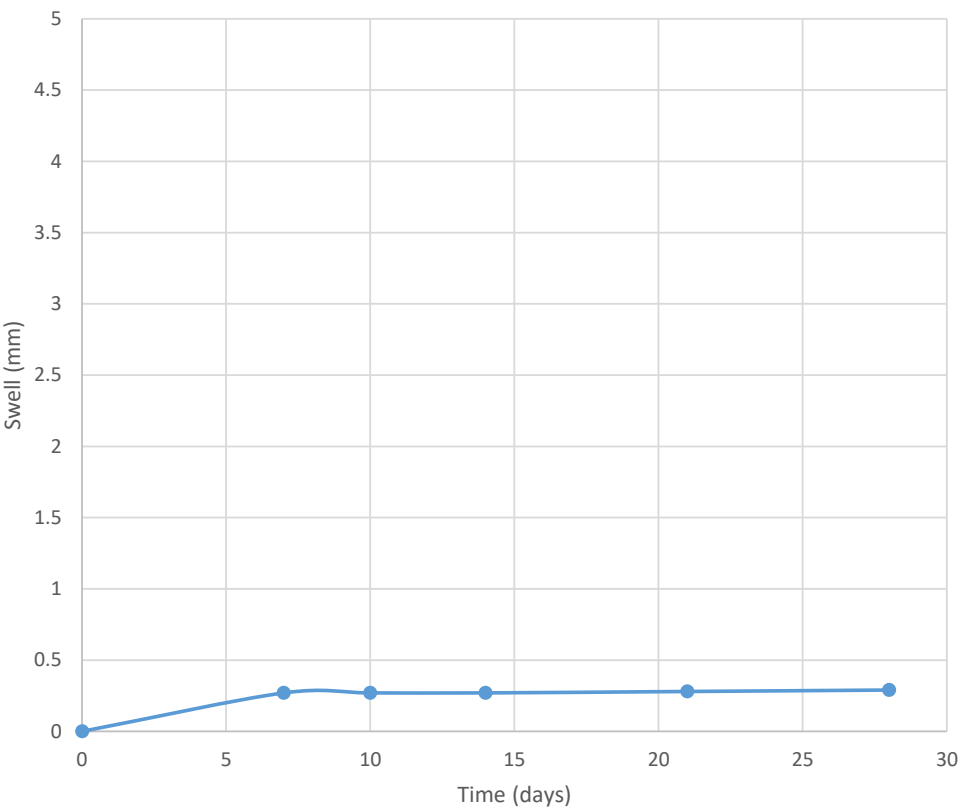
Swell Measurement Readings

Initial at 0 days	4.90	mm
After Soaking Time	5.13	mm
7 days	5.17	mm
10 days	5.17	mm
14 days	5.17	mm
21 days	5.18	mm
28 days	5.19	mm

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CBR after 28 days Soaking

42 %

Moisture Content after 28 days Soaking

N/A %

Bulk Density

1.842 Mg/m³

Dry Density

N/A Mg/m³

Veritcal Swell

0.29 mm

Volumetric Swell

0.191 %