

Testing for CBR and Swell with High Sulphate Clays (3.5 TPS Mercia Mudstone)

Binder	Binder 1 Mass	Binder 2 Mass	CBR Age	Date made	Date tested	Sample Mass	Moisture Content	Bulk Density	Dry Density	Swell (mm)	Swell (%)	CBR
1.5% Lime/3% GGBS	100.5	188.9	IBI	18/05/2023		4591	19.7	1.996	1.667		N/A	23
			7 days	26/05/2023	02/06/2023	4684	22.00	2.030	1.664	0.19	0.00	100
			28 days	26/05/2023	23/06/2023	4672	21.9	2.033	1.668	0.65	0.01	138
RoadCem 0.04%/ OPC 4%	251.9	25.2	IBI	18/05/2023		4672	19.9	2.030	1.693		N/A	23
			7 Days	26/05/2023	02/06/2023	4675	20.4	2.030	1.686	0.21	0.00	145
			28 days	26/05/2023	23/06/2023	4693	20.7	2.037	1.688	0.81	0.01	168

CBR Results Vs Time

