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# AGGREGATE CHEMICAL ANALYSIS

## Aggregate

Material ( mm )	Sand %	Crushed %	Prolongation and ductility factor B.S 812		Specific Gravity ASTM C 127 ASTM C 128		Attraction of water	Los Angles Test	Ductility factor
			Ductility %	Prolongation %	True	Apparent			
Base	-	96	14	30	-	-	-	34	-
Sub Base	-	95	15	29	-	-	-	31	-
12 - 25	-	92	15	13	2.677	2.726	0.7	40	-
6 - 12	-	95	35	13	2.669	2.759	1.2	40	-
4 - 8	-	-	-	-	2.677	2.754	1.1	-	-
0 - 6 Washed	89	-	-	-	2.662	2.749	1.2	-	3.89
0 - 6 Code 1	87	-	-	-	2.669	2.759	1.2	-	3.49
0 - 6 Code 2	88	-	-	-	2.661	2.750	1.2	-	3.52

Aggregate type	Size ( mm )	PH ASTM D4972	CL ASTM-D1411	SO3 ASTM-D516	Organic Acid AASHTO - T82	SO3 %
Sand	12 - 25	8.77	0.02	0.06	-	-
Sand	6 - 12	8.75	0.01	0.12	-	-
Sand	4 - 8	9.39	0.02	0.06	-	-
Washed Sand	0 - 6	8.74	0.05	0.16	-	-
Sand Code 1	0 - 6	8.95	0.08	0.16	-	-
Sand Code 2	0 - 6	8.86	0.06	0.15	-	-