

Date: 11-09-23
 Surveyor's Name: Mr. Abhishek
 Road Name: Hill road

Report

Test Name	Subtest Name	Value
Soil Gradation (mm)	Soil Gradation	59.33
Atterberg Limits (%)	Liquid limit (LL)	28.37
Atterberg Limits (%)	Plastic Limit (PL)	3.46
Atterberg Limits (%)	Plasticity Index (PI)	5.79
Natural Moisture Content (%)	Subgrade material	1.77
Natural Moisture Content (%)	Base and Sub-base Materials	2.82
Proctor Density (g/cm ³)	Maximum Dry Density (MDD)	189.77
Proctor Density (%)	Optimum Moisture Content (OMC)	0.92
CBR (%)	Subgrade	1.39
CBR (%)	Base Course	7.16
CBR (%)	Sub-base	0.06
Swelling Index (%)	Swelling Index	1.70
Moisture content at time of compaction (%)	Moisture Content at the time of Compaction	8.04
Thickness (inches)	Thickness	18.41
Field Density (%)	Field density	11.75
Horizontal alignment (m)	Radius of Curvature (R)	25.56
Horizontal alignment (%)	Superelevation (Banking)	99.75
Horizontal alignment (m)	Transition Curve Length (L)	6.28
Horizontal alignment (m)	Horizontal Curve Length (Lc)	89.95
Horizontal alignment (%)	Grade (Slope)	10.60