

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

Report

Test Name	Subtest Name	Value
Soil Gradation (mm)	Soil Gradation	8.45
Atterberg Limits (%)	Liquid limit (LL)	12.10
Atterberg Limits (%)	Plastic Limit (PL)	85.02
Atterberg Limits (%)	Plasticity Index (PI)	19.89
Natural Moisture Content (%)	Subgrade material	15.37
Natural Moisture Content (%)	Base and Sub-base Materials	3.99
Proctor Density (g/cm³)	Maximum Dry Density (MDD)	24.58
Proctor Density (%)	Optimum Moisture Content (OMC)	13.92
CBR (%)	Subgrade	33.91
CBR (%)	Base Course	0.68
CBR (%)	Sub-base	6.18
Swelling Index (%)	Swelling Index	4.85
Moisture content at time of compaction (%)	Moisture Content at the time of Compaction	38.17
Thickness (inches)	Thickness	161.11
Field Density (%)	Field density	99.23
Horizontal alignment (m)	Radius of Curvature (R)	3.64
Horizontal alignment (%)	Superelevation (Banking)	252.14
Horizontal alignment (m)	Transition Curve Length (L)	5.66
Horizontal alignment (m)	Horizontal Curve Length (Lc)	2.14
Horizontal alignment (%)	Grade (Slope)	1.01