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Geological Report of New Road from Bhogoti to Timta Goan in Distt.

Almora.

This Road starts from from K.M.145 Of Haldwani to Chaukhutiya Motor Road reaches to Bhogoti Goan in a length of 15.900 km, which examined / inspected by undersigned in the presence of Er. R. K. P. ~~...~~ A.E PMGSY, Division PWD ALMORA on Dated. 18.02.2013

General Geological Condition:

Geologically investigated area comes under the lesser Himalayan terrain. The proposed alignment lies between 1650.00 to 2292.439 m above M.S.L. The general slope of terrain is North to South.

General details: Generally the area under consideration constituted by AS under.

S.No.	Length.	Type Of Land.	Nomenclatures.	Angle (in Degrees).
1.	0/0-0/20	PRIVATE LAND	E&B	20-30
2.	0/20-0/40	Civil Land	E&B to VHS/VHR	20-40
3.	0/40-1/9	Van Pyanchat	E&B to VHS/VHR	20-50
4.	1/9-1/13	Civil Land	E&B to VHS/VHR	20-40
5.	1/13-1/29	Van Pyanchat	E&B to VHS/VHR	20-40
6.	1/29-3/19	PRIVATE LAND	E&B	20-30
7.	3/19-4/9	Van Pyanchat	E&B to VHS/VHR	20-40
8.	4/9-5/10	PRIVATE LAND	E&B	20-30
9.	5/10-5/29	Van Pyanchat	E&B to VHS/VHR	20-40
10.	5/29-7/10	PRIVATE LAND	E&B	20-30
11.	7/10-7/30	Van Pyanchat	E&B to VHS/VHR	20-40
12.	7/30-8/4	PRIVATE LAND	E&B	20-30
13.	8/4-9/30	Van Pyanchat	E&B to VHS/VHR	20-40
14.	9/30-9/39	Van Pyanchat	E&B to VHS/VHR	20-40
15.	9/39-15/36	PRIVATE LAND	E&B	20-30
Total	15.900			

Detailed Investigation of the alignment and suggested corrective measures are as follows:-

1. The proposed alignment will be extended from K.M.145 Of Haldwani to Chaukhutiya Motor Road in 15.900 kms length.
2. Most of the proposed alignment goes through Nap Lands/Civil Soyam/Van Pyanchat.
3. General slope of the terrain is 20° to 50° which is safer for the construction of road, road shall be constructed in entire width in cutting but whereas required it may be constructed half cut- half fill basis.



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4. 11 no. H.P. Bends are provided in the entire length.
5. The proposed road alignment should be constructed with a minimum Grade of 1:24.
6. Proper drain, parapet, Scuppers & retaining / breast walls at appropriate locations to be construction as per Hill Road manual.
7. The proposed section of the road may be geologically safe provided the construction agency take care of the above – mentioned corrective measures. Suggestions may be sought in future if problem arises at some point.



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Technical Consultancy Services

द्वारा प्रति प्रमाणित

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