

SELECTION OF MOST SUITABLE ROUTE FOR DIVERSION

As shown in the map, feasibility of total three alternative routes was examined, the merits and demerits of these routes are as under:-

S.No.	Parameter	Option No.1	Option No.2	Option No.3
1	Length of diversion	13.583 km	10.916 km	19.272 km
2	Length of diversion falling in forest land	6.530 km	7.950 km	10.262 km
3	Area of forest land required to be diverted	35.5304 hect.	93.800 hect.	75.7977 hect.
4	Economy	Most economical	Most expensive as passing through high hills and deep valleys	More expensive
5	Ease of construction	Least difficult	Most difficult	More difficult
	Most suitable option	Option No.1		

The option No.1 is most suitable as it is economical, easy to construct and involves minimum diversion of forest land, hence it is selected.


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