



**JUSTIFICATION FOR SELECTING THE PROPOSED ROUTE FOR THE CONSTRUCTION  
OF 132 KV D/C LINE FROM 220/132KV S/S PARASWANI TO PROPOSED 132KV S/S  
MAHASAMUND RAILWAY TRACTION.**

S.No.	Description	Alternate-I (Proposed)	Alternate-II	Alternate-III
1	Line length	11.288 Km	9.328Km	13.084Km
2	Reserve forest area involved	0.877 K.m	3.5Km	2.5Km
3.	Transportation & Maintenance	Transportation & Maintenance is easily accessible as compared to the other alternates II & III as the forest encountered is less.	Transportation & Maintenance not easily accessible as compared to alternates I & III.	Transportation & Maintenance is not accessible as compared to alternates I & II
4.	Railway line crossing	1 No.	1 No.	1No.
5.	River Crossing	NIL	NIL	NIL
6.	Sanctuary Area	NIL	NIL	NIL
7.	Trees Density	Open Area (No tree cutting required for the construction of line	Very High	High
8	Construction problem	Topographically less obstructions will be encountered. forest encountered is less no tree cutting required and less effect to cultivators, less R.O.W. problem expected.	Line length is less but is close vicinity of the village more effect. Topographically more obstructions will be encountered as compared to any other route.	Route length is more. un economical. dense forest is involved. topographically difficult route.
9.	Reason for selection of route 1 as the proposed route.	<b>Minimum Forest no tree cutting required barren land of forest, very less ROW as very less effect to formers/Private land, very less chance of destruction by the wild life, smooth transportation and maintenance.</b>		

  
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