



**Table C: Estimation of Cost of Forests Diversion**  
Taking age of the Road = 50 Years

S. No.	Parameters	Estimated Cost
1	2	3
1	Increase in Productivity attributable of the Specific Project	Vaetable and Fruits = 100 Qttl @ 1200.00 = 120000 For 50 Years = 120000x50 = 60.00 Lack
2	Benefits to economy due to the Specific Project	About Rs. 5.00 Lack due to milk production Vaetable and Fruits, Tourism and other mining winesal materials
3	No. of Population benefited due to the Specific Project	350 Peoples.
4	Ecomic benefits due to direct and indirect Employment due the Project	(i) 200 tempraty lavours in this project will get employment to local youth, their social, economic, cultural, emotional life that will be — 200x300x365x2 = 438.00 lack (ii) Making development = 10 shops as establised after constation of road taking minimum benift for per shop per day Rs 250 for 10 shops @ month = 10x30x25x12 = 9.00 lack (iii) Tousism activities will be increased by atlent deat 5 people benefit. For 50 years = 100000x5x50 = 250.00 lack
5	Cost of aqirition of facility on non forest land neheraer fearable	Total nap land = 1865x9.00 = 16785 = 1.678 @ Rate 2200000.00 = 36.91
	Total benefits derived from the project	798.91 Lack

Benefit Cost Ratio =  $79891000 / 22049367 = 3.623$

It is clear from above analysis that construction of Jaidwar- Tyada- Falpatti Motor Road is more than Environmental losses.


  
सहायक अभियन्ता  
अस्थाई खण्ड, लो०नि०वि०,  
Baxna थत्यूड।


  
अधिशाली अभियन्ता  
अस्थाई खण्ड, लो०नि०वि०,  
थत्यूड।

**COST BENEFIT ANALYSIS**  
(As per MOEF & CC guideline no. 7-69/2011-FC(pt.) dated 1<sup>st</sup> August 2017)

**Table B: Estimation of Forests Diversion**

S. No.	Parameters	Estimated Cost
1	2	3
1	Ecosystem services Losses due to proposed Forest diversion	The estimated NPV (Economic value of loss of ecosystem services) of the 9.121 Forest land is Rs. 7324163.00 Lack.
2	Loss of Animals husbandry productivity including loss of fodder	10% of NPV= Rs. 732416.30
3	Cost of human resettlement	There is no displacement due to the project. Therefore the cost of human settlement is Rs. 0.00
4	Loss of public facilities and administrative infrastructure ( Roads Buildings Schools Dispensaries Electric lines Railways etc.) On which would require forest land if these facilities were diverted due to the project.	No loss of public facilities and administrative infrastructure due to the project. Therefore loss is Rs. 0.00
5	Possession value of Forests Land diverted	30% of NPV= Rs. 2197249.00
6	Cost of suffering to oustees	No suffering of oustees. Therefore the cost of suffering to oustees is Rs. 0.00
7	Habitat fragmentation cost	50% of the NPV= Rs. 3662081.00
8	Compensatory afforestation and soil & Moisture Conservation cost	The estimated cost for raising the C.a 10.605 ha. Is Rs. 4621282.00 lacks for 10 years. Considering discounting rate 12% for future 50 years the present value is Rs. 8133458.00 Lacks.
	Total Environmental Loss	Rs. 22049367.00

  
सहायक अभियन्ता  
अस्थाई खण्ड, लो०नि०वि०,  
थत्यूड।

  
अधिशासी अभियन्ता  
अस्थाई खण्ड, लो०नि०वि०,  
थत्यूड।