ABSTRACT OF BENEFIT COST ANALYSIS

A) LOSSES

Total losses likely to occur due to project in 50 years Statement –A

Parameter No.	Description	Amount (Rs. In Lakhs)
		2602.14
1	Loss of Timber ,fuel wood & minor forest produce	10.00
2	Loss of animal husbandry productivity	50.00
3	Loss of human settlement	350.00
4	Loss of public facilities and infrastructure	7682.10
5	Loss of environment	-
6	Suffering to outsets	10694.24
	Grand Total of loss	

Total Forest area required for the project   18.1824 ha.

Loss per Hectare of forest area for 50 years   10694.24 divided by- 18.1824 ha. =588.16 lakhs

i.e. Loss per hectare per year   11.76 lakhs

B) BENEFITS

Parameter No.	Description	Amount (Rs. In lakhs)
		-
1	Increase in productivity	90005.40
2	Benefit to economy & environment	97244.61
3	Number of population benefited	22500.00
4	Employment potential	23.00
5	Acquisition facilities	-
6	Loss of agriculture and loss of animal husbandry	-
7	Cost of rehabilitation	0.50
8	Cost of free fuel-wood supplied to labourers	209773.51
	Grand Total	(-) 119744.61
	Parameters 3,4 and 6 are not considered for benefit – cost ratio as these are value judgments	90028.90
	Total (209773.51 – 119744.61)	

Benefit per hectare for the total land of 18.1824 ha. For 50 years will be

90028.90 divided by 18.1824 Ha.   =   4951.43

Benefit per ha of the total land per year 4951.43 divided by 50 years =per year 99.03 lakhs

Cost to benefit ratio =   11.76 cost   /   99.03 benefit   = Cost 1 : Benefit 8.42

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