

**Name of Project:- KONAR-OCP
Annexure- VI(c)**

Parameters for evaluation of benefit notwithstanding loss of forests

S.N	Parameters	Figure in Rs. Lakh	
1	Increase in productivity attributable to specific project	Output per man shift of the project is 159.49 t.	
2	Benefits to economy	Cost of production Selling price of coal Profit Mineable Reserve in forest land to be diverted Profit likely to accrue from production and selling of coal (profit x reserve) = Rs 375.61X100X0.8	= Rs.987.11 per tonne = Rs.1362.7 per tonne = Rs.375.61 per t = 15.29 Mt =Rs 300488
3	No. of population benefited (Indirect)	= 19675	
4	Employment potential	= 787	
5	Cost of acquisition of facilities on non-Forest land wherever feasible.	-Nil-	
6	Loss of (a) agricultural & (b) animal husbandry Production due to diversion of forest land.	-Nil-	
7	Cost of rehabilitating the displaced persons as different from compensatory amount given for displacement	= 3451	
8	Cost of supply of free fuel wood to workers residing in or near forest area during the period of construction.	= 714.4386	
Total profit:		Rs. 41779.18	

Loss:Profit = 1:5.01

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 GM, B&KArea,
 CCL

(*Sury*)
 Project Officer, Konar -OCP
 B&K Area, CCL

COST BENEFIT ANALYSIS

Parameters for evaluation of loss of forest

S.N	Parameters	Figures in Rs. Lakhs
1	Loss of value of timber, fuel wood, and minor forest products on an annual basis, including loss of man-hours per annum of people who derived lively hood and wages from the harvest of these commodities.	637.71
2	Loss of animal husbandry productivity including loss of fodder	689.41
3	Cost of human resettlement (As per rehabilitation scheme)	3451
4	Loss of public facilities and administrative infrastructure (roads, buildings, schools, dispensaries, electric lines, railways etc.) on forest land if these facilities were diverted due to the project	-Nil-
5	Environmental losses (soil erosion, effect on hydrological cycle, wild life habitat, micro-climate upsetting of ecological balance)	126.74 (Env. loss per Ha for density 1.0) x 0.3 (density of forest) x 93.65 (Total forest land to be diverted in Ha.) = 3560.76
6	Suffering to oustees	-Nil-
Total loss :		Rs. 8338.9

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