

**PARAMETERS FOR EVALUATION OF LOSS OF FOREST OVER 63.30 HA. FOREST LAND (STATUS OF NON-FOREST LAND AS ON 25.10.1980) OF NUAGON IRON ORE MINES OF KJS AHULUWALIA IN KEONJHAR DISTRICT, ODISHA.**

01.	Loss of value of timber, fuel wood Minor forest produce on annul basis including loss of man-hours per annum of people who derived livelihood and wages for the harvest of these commodities.		
a.	Loss of value of timber as per enumeration (572.45 units) @ Rs. 8467.48 per unit as per nearest coupe Baitarani unit value for the year 2016-17.	Rs.	48,47,209.00
b.	Value of firewood 52 T.L.s @ 20000/-	Rs.	10,40,000.00
c.	Loss of Minor Forest Produce on lump sum.	Rs.	5,00,000.00
02.	Loss of animal husbandry productivity including loss of fodder	Rs.	Nil
03.	Cost of human settlement	Rs.	Nil.
04.	Loss of public facility an administrative infrastructure (road, school, dispensary, electric line and railway etc.) on forest land or which should require forest land if their facilities are diverted to the project.	Rs.	Nil
05.	Environmental losses (Soil erosion, effect on hydrological cycle, wildlife habitat, micro climatic upsetting of ecological balance)		
	As per thumb rule prescribed, Environmental loss due to loss of Forest over 63.30 ha of Forest area of density 0.3 to acquire over a period of 50 years.		
	126.74 lakhs x 0.3 x 63.30 ha = Rs. 24,06,79,260/-		
	Loss per Annum	Rs.	48,13,585.00
	Total loss:	Rs.	1,12,00,794.00
06.	Suffering to oustees	Rs.	Nil

  
Divisional Forest Officer,  
Keonjhar Division.

**SUMMARY OF COST BENEFIT ANALYSIS.**

	<b>Per Annum</b>
Total loss per annum due to loss of Timber, Firewood and Minor Forest Produce and Environmental loss due to loss of Forests.	Rs. 1,12,00,794.00
Total benefit to the economy due to annual production of Iron Ore.	Rs. 2000000000.00
Hence the cost benefit ratio of the Mining Project is	1 : 178.558

  
**Divisional Forest Officer,  
Keonjhar Division.**