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ANNEXURE - XII

PARAMETERS FOR EVALUATION OF BENEFIT NOT WITH
STANDING LOSS OF FOREST.

Sl. No.	Parameters	Mining Projects
1	Increase in productivity attributable to the specific project.	20 lakhs tonne coal per annum x Rs. 700= 14000 lakhs
2.	Benefits of economy.	1400 lakhs
3	Number of population to be benefited	2100 nos.
4	Employment potential	706 nos
5	Cost of acquisition of Facility on non-forest Land wherever possible.	100 lakhs
6	Loss of (a) agricultural and (b) animal husbandary Production due to diversion of forest land.	Nil
7	Cost of rehabilitation of the displaced persons as different from compensatory amount given for displacement	714.52 lakhs
8	Cost of supply of firewood To workers residing in or near forest area during the period of construction.	706 x 36Qtl x Rs. 90 = 22.874 lakhs
		TOTAL- 16237.394 Lakhs.

SOUMYA P. PATNAIK
GENERAL MANAGER
UTKAL-E COAL MINE PROJECT
NALCO, ANGUL

S. K. PATEL
General Manager (Technical)
Project & Technical Department
National Aluminium Company Ltd.
Bhubaneswar-751061

PARAMETERS FOR EVALUATION OF LOSS OF FORESTS

Sl. No.	Parameters	Mining Projects
1	Loss of value of timber, fuelwood & minor forest produce on an annual basis including loss of man hours per annum of people who derived livelihood had wages from the harvest of these commodities	Rs - 52.578 lakhs Details has been attached as Annexure- X
2.	Loss of animal husbandry productivity, including of fodder.	Nil
3	Cost of animal husbandry productivity, including of fodder.	Nil
4	Loss of public facilities and administrative infrastructure (roads, buildings, schools dispensaries, electric lines, railways etc.) on forest land or which would require forest land if these facilities were diverted due to the project	Nil
5	Environment losses (Soil erosion effect on Hydrological Cycle, Wild life habitat Microclimatic upsetting of ecological balance) As per the thumb rule prescribed Environmental Loss due to loss of forest over 191.2184 hectares of forest area of density 0.2 to accrue over a period of 50 years	(126.74lakhsX191.2184haX0.3)/50 Years =145.410 lakhs
6	Suffering of oustees.	Rs. 0.5 lakhs per family=0.5 x 199 = 99.50 lakhs
7.	Cost of Net Present Value	191.2184 ha. x 7.5 lakhs= 1434.138 lakhs
8.	Cost of Compensatory Afforestation in twice degraded forest land	Rs. 151.96 lakhs (Ref. Annexure - XV)
	TOTAL	Rs. 1883.586 lakhs

Patnaik
SOUMYA P. PATNAIK
GENERAL MANAGER
UTKAL-E COAL MINE PROJECT
NALCO, ANGUL

S.K. Patel
S. K. PATEL
General Manager (Technical)
Project & Technical Department
National Aluminium Company Ltd.
Bhubaneswar-751061

ANNEXURE - XIV

COST BENEFIT ANALYSIS

1.	Total loss of timber fire wood and minor forest produce and environmental loss due to loss of forest.	---	Rs. 1883.586 lakhs
2.	Total benefit to the economy	---	Rs. 16237.394 lakhs
	Cost benefit Ratio	--	1 : 8.62



SOUMYA P. PATNAIK
GENERAL MANAGER
UTKAL-E COAL MINE PROJECT
NALCO, ANGUL



S. K. PATEL
General Manager (Technical)
Project & Technical Department
National Aluminium Company Ltd.
Bhubaneswar-751061