

## ANNEXURE-XIII

Sijimali Bauxite Mines  
Rayagada Forest DivisionTable B- Estimation of cost of forest diversion (as per MoEF&CC Guideline dated 1<sup>st</sup> August 2017 related to Cost Benefit Analysis).

The estimate NPV of the forest land : Rs.6,26,000/-  
Eco Value Class – III,

Sl.No	Parameters	Remarks
1	Ecosystem services losses due to proposed forest diversion	NPV Rs.6,26,000/- x 573.099 Ha = Rs.35,87,59,974/- or Rs.35.876 Cr
2	Loss of animal husbandry productivity, including loss of fodder	10% of the NPV = Rs.3,58,75,997.40 or 3.588 Cr.
3	Cost of human resettlement	12.99 Cr.
4	Loss of public facilities and administrative infrastructure (Roads, Building, Schools, Dispensaries, Electric lines, Railways etc.) on forest land which would require forest land if these facilities were diverted due to the project.	Nil
5	Possession value of forest land diverted	30% of NPV = Rs.10,76,27,992.20 or Rs.10.763 Cr.
6	Cost of suffering to oustees	63 nos of families are to displaced and as per socio economic study the average income per annum per family comes to Rs.36,796/-. So the loss is 1.5 x 63 x 36796 = 69,54,444/- x 2 yrs = <b>Rs.1,39,08,888/- or Rs.1.391 Cr</b>
7	Habitat fragmentation cost	50% of NPV =Rs.17,93,79,987/- or Rs.17.938 Cr.
8	Compensatory afforestation and soil & moisture conservation cost	<b>Rs.21,90,44,803.00 or 21.905 Cr.</b>
	<b>Total cost:</b>	<b>Rs.104.451 Cr.</b>

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