



Annexure-XVII

Cost-Benefit analysis in respect of diversion of 86.479 ha of forest land for transportation of iron ore from Kurmitar mining lease of M/s Odisha Mining Corporation Limited to proposed new Railway siding at Barsuan through conveyor belt under Lahunipara Tahasil and Bonai Forest Division of Sundargarh district.

Table-C: Existing guidelines for estimating benefits of forest diversion in CBA.

Sl. No.	Parameters	Remarks	
1	Increase in Productivity attributable to the specific project.	i) Transportation cost per ton of iron ore from Kurmitar Mines to Barsuan Railway siding by conveyor belt and loading in to wagon.	Rs. 90/MT
		ii) Transportation cost per ton of iron ore from Kurmitar Mines to Barsuan Railway siding by road (around 16 km).	Rs. 260/MT
		iii) Gain in transporting per ton of iron ore by conveyor belt (ii-i).	Rs. 170/MT
		iv) Total gain in transporting iron ore by conveyor over road at 80% efficiency [80% X Rs 170/- X 6000000].	Rs. 81.60 Cr/ annum
2	Benefits to economy due to the specific project.	The gain in transportation of iron ore from Kurmitar Iron Ore Mines to Kurmitar Railway siding is Rs.81.60 Crores/ annum.	
3	Number of population benefited due to specific project.	550 nos	
4	Economic benefits of direct and indirect employment due to the project.	Rs 277.20 Crores (550 persons X Rs 600/- as average wage X 300 working days X 28 years)	
5	Economic benefits due to compensatory afforestation.	Rs 3.77 Crores (Rs.8848/- X 85.314 ha. X 50 years)	

M. Basa

(Dr. Mrs. Tilottama Basa)
General Manager (Geology)

THE Odisha Mining Corporation Ltd. Power of Attorney Holder
(A Gold Category State PSU)

Registered Office : OMC House, Bhubaneswar -751001, India
Tel : 0674-2377400/2377401, Fax: 0674-2396889, www.omcltd.com

CIN : U131000R1956SGC000313