

**Cost- Benefit Analysis in respect of proposal over Forest Diversion Proposal over 94.351 ha for Mining and allied activities in forest land pertaining to Laserda-Pacheri Manganese & Iron Block in Barbil Tahasil under the jurisdiction of Keonjhar Forest Division of Keonjhar District, Odisha**

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

Sl No.	Parameters	Benefit in Rs. Lakhs for the project	Remarks
1	Increase in productively attribute to the specific project .	Rs.292229.00 Lakhs	Total Iron ore Reseve +55%Fe -1.46 Million ton @Rs.3327/- Total Iron ore Reseve +45 to 55%Fe -4.77Million @Rs.1989/- Total Mn ore Reseve +25%Fe -0.924 Million ton @Rs.7295/- Total Mn ore Reseve +10 to 25%Fe -5.546 Million ton @2278/-
2	Benefits to economy due to the specific project.	Rs.160813.00 Lakhs	1) Revenue Share to Govt. - 44.65% 2)Royalty - 15% of Sale value for Iron ore 2(a))Royalty - 5% of Sale value for Mn ore 3) DMF - 10% of Royalty 4) NMET - 2% of Royalty Benefit to State Govt. & Central Govt.
3	No. of population benefited due to the specific project.		About 335 no of persons with different skill sets are likely to be employed in this mine. In addition there will be large number of local people, who will get indirect employment in ancillary services including transportation of product.
4	Economic benefits due to direct and indirect employment due to the project.	Rs.4470.00 lakhs	Direct Benefit - 335 Nos @Rs. 25.20/- per tons Indirect Benefit - 4 times of direct benefit 1340 Nos @Rs.10.00/- pe tons
5	Economic benefits due to Compensatory afforestation .	Rs.1593.00 lakhs	A) Total No. of Plant @ 1000 per ha = 91.00 x 1000 =91000 Nos B) No. of matured trees after 40 years = 25% - 22750 Nos C)Anticipated wood volume - 0.2 CuM per tree = 4550 CuM = 159250 Cft. D) Revenue - Considering Rs. 1000/- per tree (Mixed)
	<b>Total Financial Benefit of the instant Project</b>	<b>Rs. 126850 Lakh for entire project (50 years), Per annum 2537 Lakhs</b>	

For Thriveni Earthmovers Pvt. Ltd.

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