

**PARAMETERS FOR EVALUATION OF LOSS OF FOREST OVER 90.09 HA. FOREST AREA REQUIRED FOR MINING AND ALLIED ACTIVITIES WITHIN THE LASERDA PACHERI MANGANESE & IRON BLOCK OF M/S THRIVENI EARTHMOVERS PVT. LTD**

**Table- B: Estimation of cost of forest diversion**

| Sl. No | Parameters   | Remarks   |
|--------|--|---|
| 1      | Eco-system services losses due to proposed forest diversion.   | <b>Rs 10,06,21,521/-</b><br>[Rs.11,16,900/- x 90.09 ha] |
| 2      | Loss of animal husbandry productivity, including loss of fodder.   | <b>Rs. 1,00,62,152/-</b><br>[Rs. 10,06,21,521/- x 10%]  |
| 3      | Cost of human re-settlement.   | Nil   |
| 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   | <b>Rs. 3,01,86,456/-</b><br>[Rs. 10,06,21,521/- x 30%]  |
| 6      | Cost of suffering to oustees.  | Nil   |
| 7      | Habitat fragmentation cost.  | <b>Rs. 5,03,10,761/-</b><br>[Rs. 10,06,21,521/- x 50%]  |
| 8      | Compensatory afforestation and soil & moisture conservation cost.  | <b>Rs. 133265000/-</b>                                  |
|        | <b>Total estimation of cost of forest diversion</b>  | <b>Rs. 32,44,45,890/-</b>                               |

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

| Sl. No | Parameters  | Remarks               |
|--------|---|-----------------------|
| 1      | Increase in productively attribute to the specific project.                 | <b>292229.00 lakh</b> |
| 2      | Benefits to economy due to the specific project.                            | <b>160813.00 lakh</b> |
| 3      | No. of population benefited due to the specific project.                    | <b>1775 Nos.</b>      |
| 4      | Economic benefits due to direct and indirect employment due to the project. | <b>4470.00 lakh</b>   |
| 5      | Economic benefits due to Compensatory afforestation.                        | <b>1593.00 lakh</b>   |
|        | <b>Total</b>  | <b>126850 lakh</b>    |

CB ratio (calculation is based on available information against the Parameters)  $\cong$  **1:39.09**

  
Divisional Forest Officer  
Keonjhar Division  
14/11/2017  
Keonjhar Division