

Sayed Abdul Halim

MINES OWNER

PARAMETERS FOR EVALUATION OF LOSS OF FORESTS

| Sl.No.. | Parameters | Compliance |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 01 | Loss of value of timber, fuel wood and Minor forest produce on an annual basis, including loss of man-hour per annum of people who derived livelihood and wages from the harvest of these commodities. | To be filled up after completion of tree enumeration in field |
| 02 | Loss of animal husbandry productivity, including loss of fodder. | Nil |
| 03 | Cost of human settlement. | Nil |
| 04 | Loss of public facilities and administrative infrastructure (roads, buildings, schools, dispensaries electric line, railways etc.) on forest land or which would require forest land if these facilities were diverted due to the project. | Nil |
| 05 | Environmental losses: (soil erosion, effect on hydrological cycle, wildlife habitat, microclimate upsetting of ecological balance.) | (Rs.126.74 lakhs x 0.2 x 5.888 Ha.)/ 50 years = Rs.2.985 lac |
| 06 | Suffering of oustees. | Nil |
| 07 | N.P.V | Rs. 7.30 lac X 5.888 ha = Rs 43.0 lac |
| | Total = | Rs. 45.985 or Rs. 46.00 lac |

Divisional Forest Officer
Bonai Division.

x *Kamala Kanta Samal*
KAMALA KANTA SAMAL
POWER OF ATTORNEY HOLDER
ORAGHAT IRON & Mn MINES

Admn. Office : S3H1/2, Ground Floor-Sat-2, Kalinga Vihar, Chhend, Rourkela-769015, Tel/Fax-0661-2480580

Regd. Office : C/o Jagannath Majumdar, Ward No-2, At-Hadusahi, Barbil, Po-Joda, Dist: Keonjhar, Tel/Fax: 06767-272024

Site Office : Oraghat Iron & Manganese Ore Mines, Vill-Oraghat, Circle-Koira, Dist-Sundargarh-Odisha

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PARAMETER FOR EVALUATION OF BENEFIT NOTWITHSTANDING LOSS OF FORESTS

| Sl.No. | Parameters | Compliance |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 01 | Increase in productivity attributable to the Oraghat Iron & Manganese mine Iron Ore - 72864 TPA @Rs 2000 = Rs1457.0 lac Manganese Ore - 7563 TPA @ Rs 16050 = Rs 1214.0 lac | Rs.2671.0 lac |
| 02 | Benefits to economy. | Rs.2671.0 lac |
| 03 | No. of population benefited. | 1000 persons. |
| 04 | Employment potential. | 80 persons per day |
| 05 | Cost of acquisition of facility on non forest land. | Nil. |
| 06 | Loss of (a) agriculture & (b) animal husbandry production due to diversion of Forest Land. | Nil |
| 07 | Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement. | Nil |
| 08 | Cost of supply of free fuel wood to workers residing in or near forest area during the period of construction. | 80 L x 36 Qtl. of fire wood Per Year x Rs.200/- per qtl. = Rs.5.76 lac |
| | Total = | Rs. 2676.76 lac or Rs. 2677.0 lac |

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COST BENEFIT ANALYSIS RATIO

Benefit to economy : Rs.2677.0 lac

Loss on Forests : Rs 46.00 lac

Cost - Benefit ratio : 1 : 58

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ORAGHAT IRON & Mn MINES
S.A. HALIM**