

SRI KUMARASWAMY MINERAL EXPORTS PVT. LTD.

Corporate Office

No. 35, III Floor, Park Enclave,
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Ph : +91 080 22862954
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Mine Office

No. 462, 14th Ward,
SMIORE Colony, Near Fire Station,
Sandur - 583119
Ph : +91 - 9972099069



"We Mine with care"

COST - BENEFIT ANALYSIS

A. PARAMETERS FOR EVALUATION OF LOSS OF FOREST

S.No.	Parameters	Nature of Proposals: Conveyor Belt
1	Loss of value of Timber, fire wood and minor forest produce on an annual basis including loss of man hours per annum of people derived livelihood and wages from the harvest of these commodities	The loss of fuel wood to tune of 3T/Ha. @ Rs.300/- tonnes for 12.4724 Ha. is = $12.4724 \text{ Ha} \times 3 \text{ t} \times 300 \times 23 \text{ Years} = \text{Rs.}258178.68/-$ (As per ordinance 2042-2019= 23 Years) No loss of man hours as no one depends for livelihood on this land.
2	Loss of animal husbandry productivity including loss of fodder	The loss of fodder estimated for 12.4724 ha. will be (Hill grass cost @ 3 tonnes/Ha.@ Rs.100/- per tonne). $12.4724 \text{ Ha.} \times 3 \text{ t} \times 100 \times 23 \text{ Years} = \text{Rs.} 86059.56/-$.
3	Cost of human re-settlement	Not Applicable
4	Cost of public facilities and administrative (Roads, buildings, Electric line, Railways etc.) on forest land or which require forest land if any facilities were diverted due to the project.	Not Applicable
5	Environmental Loss: (Soil erosion effect, hydrological cycle, wild life habitat, micro climate, upsetting of Ecological balance.	The estimated loss as per the guidelines for tree density of 1 Ha. will be 126.74 lakhs over a 50 years period (Life of the tree). Therefore the Environmental losses for a 12.4724 Ha. For tree density of 0.25 over a 23 years (life of mine) would be = $126.74 \text{ Lakhs} \times 12.4724 \text{ Ha.} \times 0.25 \times 0.46 \text{ (} 23/50 \text{ years of life of tree) years} = \text{Rs.}181.786 \text{ Lakhs.}$
6	Suffering of outeets	There are no outeets from this area.

B. PARAMETERS FOR EVALUATION OF BENEFIT NOT - WITH - STANDING LOSS OF FORESTS

1	Increase in Productivity	As per the Supreme Court order the Mining Leases in Ballari Sector are proposing to install the downhill conveyor system to transport the Iron Ore from Mine Head to the Proposed Railway siding at Dharmapura village. The initiation will definitely reduce the pressure on Environment, enhance the air quality of the surrounding areas and also Enhancement of Production can be done.
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For Sri Kumaraswamy Mineral Exports Pvt. Ltd.,


Authorized Signatory

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2	Benefits to economy	Every Year a quantity of 1.48 Million Tonnes will be Produced. NPV (@Rs.803000 per Ha. x 12.4724 Ha.= Rs.10573261.60 x 23 years = Rs.230352755.60) + Providing of equivalent Non Forest Land to the Forest Department.+ Compensatory Afforestation Charges = Rs.300000 per Ha. x 12.4724 Ha.=Rs.3741720. <u>i.e. Rs. 37.41 Lacs + Rs.2303.53 Lacs = Rs.2340.97 Lacs.</u>
3	No. of Population Benefited	600 people could be benefited
4	Employment Potential	Direct employment of more than 50 people
5	Cost of acquisition of facility on non - forest land wherever feasible	Not Applicable
6	Loss of (A) Agricultural and (B) Animal Husbandry	Not Applicable
7	Cost of Rehabilitating the displaced persons as different compensatory amounts given for displacement	Not Applicable
8	Cost of supplying free fire wood to workers residing in or near area during the period of construction	Not Applicable

C. SUMMARY OF COST BENEFIT ANALYSIS FOR THE PROJECT OVER A PERIOD OF MINE LIFE (Rs. Lakhs)

	Loss (A)		Benefit(B)	
1	Environmental loss	181.786	Profit from Conveyor belt for life of the Mine	2340.97
2	Loss of fire wood	2.582		
3	Loss of fodder	0.861		
4	Supplies of fuel wood	---		
	TOTAL	185.229		2340.97

Net Benefit from the Project = Rs. 2340.97 Lakhs - Rs.185.229 Lakhs (approx.) = Rs.2155.741 Lakhs.

Hence, Cost Benefit Ratio= 1: 11.64

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