




THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
Mandamarri Area

AREA MINIMUM CERTIFICATE

It is certified that the proposed 4.828 Ha. of Forest land, is the bare minimum and essential for the purpose of "diversion of 4.828 Ha. Forest land (Surface Rights) in Bellampalli RF, Bellampalli Range, Bellampalli Forest Division in Mancherla District for Sinking of Man Winding Shaft and essential infrastructure in Shanti Khani Longwall Project."

Forest Divisional Officer,
Bellampalli.


General Manager,
Mandamarri Area
General Manager
The Singareni Collieries Co. Ltd
MANDAMARRI
P.O. KALANI KHANI-504 231
Dist. Adilabad (A.P.)

PARAMETERS OF EVALUATION OF COST - BENEFIT ANALYSIS OF FORESTS

APPLICATION FOR DIVERSION OF 4.828 Ha. OF FOREST LAND

S.I. No.	Evaluation of Loss of Forests	Value in Rs. Lakhs Per Annum	REMARKS
1	Loss of value of timber, fuelwood and minor forest produce on an annual basis, including loss of man-hours per annum of people who derived livelihood and wages from the harvest of these commodities.	0.063 0.039 0.043 0.022 1.803	1) The value of Loss of timber (@ Rs. 1300 per Ha.) 2) The value of loss of fuel wood (@ Rs. 500 per Ha.) 3) The value of loss of minor forest produce a) Tunikai (@ 30 Kg. / Ha. And Rs. 30 per Kg.) b) Other minor forest produce such as gum, mohva flowers, etc. @ 30 Kg. / Ha. And Rs. 15 per Kg.) 4) Loss of mandays (@ 100 days per Ha and Rs.373.55 per day)
	Sub-Total (1)	1.970	
2	Loss of animal husbandry productivity including loss of fodder	NIL	Nil, as there is no habitation nearby to the site.
3	Cost of human resettlement	NIL	There is no habitation in the forest land and hence human resettlement is nil.
4	Loss of public facilities and administrative infrastructure (Roads, buildings, schools, dispensaries, electric lines, railways, etc.,) on forest land, or which would require forest land if these facilities were diverted due to the project.	NIL	No loss of public facilities and administrative infrastructure as it is a reserve forest land
5	Environmental losses; (Soil erosion effect on hydrological cycle, wild life habitat, micro-climate upsetting of ecological balance).	6.991	The total forest land is degraded. Environmental Loss per annum = $(181 \times 0.4 \times 4.828)/50$ The area is not important from ecological point of view.
6	Suffering to oustees	NIL	There is no habitation and hence suffering to the oustees does not arise.
7	Cost/Net present worth of forest land (only in case of permanent diversion such as irrigation, roads, transmission lines, other infrastructures etc.,		Not Applicable.
8	Loss to right holders/ free grant/ other concessions enjoyed from forest land		Nil, as there are no right holders
TOTAL LOSSES		8.961	

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**PARAMETERS OF EVALUATION OF COST - BENEFIT ANALYSIS OF FORESTS
APPLICATION FOR DIVERSION OF 4.828 Ha. OF FOREST LAND**

Sl No.	Evaluation of Benefits	Value in Rs. Lakhs Per Annum	Rs. Lakhs Per Annum	REMARKS
1	Increase in productivity attributable to the specific project.	24502.79		Production is 6000 T per day with Output per manshift (OMS) of 6.1 Tonnes of coal per Manshift.
2	Benefits to the Economy	6231.90	Of this, 5115.60 180.00 759.02 118.40 58.88	Royalties Stowing Excise Duty Sales Tax on coal Excise and Sales Tax from stores related purchases Excise duty on power purchased
3	No. of population benefited.			Total population benefitted is estimated at 34440 assuming an average family size of 5 and also considering both direct and indirect employment potential
	Employment potential			Direct employment of 1148 at project level. Additional employment benefits would be approximately 5 times the direct employment. Total benefit is estimated at the minimum wage of Rs. 373.55 per day and 330 working days (Rs.7075.7841lakh).
5	Benefit accrued due to non-diversion of agricultural land			As the area is site specific the question of non-diversion of agricultural land does not arise.
6	Benefits to the forest due to free supply of fuel/alternate sources of energy	61.99		The workers are supplied free LPG gas The same is estimated as Rs 61.992 lakh (1148X 12 X 500.00)
	TOTAL	30796.68		

RS. LAKH

Discounted at 12.00% for 25 years life

TOTAL BENEFITS	233826
TOTAL LOSSES	68
COST : BENEFIT RATIO	1 : 3436.74

Note:

- 1) The Cost Benefit Ratio is restricted to 25 years.
- 2) The annual Costs and Benefits are discounted at 12.00%

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CERTIFICATE

It is certified that all the possibilities to avoid forest land for the project have been explored and it is found that no alternative suitable non-forest land is available, Hence, Diversion has been proposed for 4.828 Ha. of Forest land (Surface Rights) in Bellampalli RF, Bellampalli Range, Bellampalli Division in Mancherial District, Telangana State, required for Sinking of Man Winding Shaft and essential infrastructure in Shanti Khani Longwall Project in the existing Tandur Mining Lease.

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NON-VIOLATION CERTIFICATE

It is certified that no work has been carried out in violation of Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 in the proposed "diversion of 4.828 Ha. Forest land (Surface Rights) in Bellampalli RF, Bellampalli Range, Bellampalli Forest Division in Mancherial District for Sinking of Man Winding Shaft and essential infrastructure in Shanti Khani Longwall Project."

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UNDERTAKING TO PAY DOUBLE THE COMPENSATORY
AFFORESTATION CHARGES

SCCL hereby undertakes to pay Compensatory afforestation Charges to raise Compensatory afforestation in double the extent of degraded forest area as per guidelines under Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 in accordance with the orders of the Hon'ble Supreme Court of India/State Govt. and MoEF in respect of "diversion of 4.828 Ha. Forest land (Surface Rights) in Bellampalli RF, Bellampalli Range, Bellampalli Forest Division in Mancherial District required for Man Winding Shaft and essential infrastructure in Shanti Khani Longwall Project in the existing Tandur Mining Lease."

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UNDERTAKING TO PAY ADDL. COST OF NET PRESENT VALUE (NPV)

SCCL hereby undertakes to pay Addl. Cost of Net Present Value (NPV) as per guidelines under Forest (Conservation) Act, 1980 and Wildlife(Protection) Act, 1972 in accordance with the orders of the Hon'ble Supreme Court of India/ State Govt. and MoEF in respect of "diversion of 4.828 Ha. Forest land (Surface Rights) in Bellampalli RF, Bellampalli Range, Bellampalli Forest Division in Mancherial District for Sinking of Man Winding Shaft and essential infrastructure in Shanti Khani Longwall Project."

Further, undertakes to pay differential NPV amount if, any due to escalation of revision of NPV, as and when demanded by the Forest Department.

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UNDERTAKING TO PAY COST OF EXTRACTION OF TREE GROWTH

SCCL hereby undertakes to pay Cost of extraction of tree growth in the forest land proposed for diversion under the project as and when demanded by the forest department and also undertake to pay the additional amount if any due to escalation or any other charges at later date as demand raised by the forest department in respect of "diversion of 4.828 Ha. Forest land (Surface Rights) in Bellampalli RF, Bellampalli Range, Bellampalli Forest Division in Mancherial District for Sinking of Man Winding Shaft and essential infrastructure in Shanti Khani Longwall Project"

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UNDERTAKING TO PAY NET PRESENT VALUE (NPV)

SCCL hereby undertakes to pay Net Present Value (NPV) as per guidelines under Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 in accordance with the orders of the Hon'ble Supreme Court of India in respect of "diversion of 4.828 Ha. Forest land (Surface Rights) in Bellampalli RF, Bellampalli Range, Bellampalli Forest Division in Mancherial District required for Man Winding Shaft and essential infrastructure in Shanti Khani Longwall Project."

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