

MACHIGARH FOREST BLOCK COMP NO.- 262 (AREA 19.000 HA.)**COST**

(As per GOI. MOEP4CC No. 7-69/2011 date 01.08.2017)

Table – B Estimation of Forest Diversion.

SN.	Parameters	Remarks
1	Ecosystem services losses due to proposed Forest diversion	Ecosystem services due to diversion by the central powered committee as per the forest classification report of proposed Forest Block Machigarh, Forest Compartment No. 262, Pyrophyllite & Diaspore Mining Project is Rs. 6.26 Lahks/Ha. Cost of land. $19.000 \times 6.26 = 118.94$ Lahks
2	Loss of animal Husbandry productivity, including cost of fodder -	As per the cost guideline i.e. 10% of N.P.V. 0.626 Lacks per Ha. $19.000 \times 0.626 = 11.894$ Lahks
3	Cost of human resettlement	There is no human resettlement due to proposed Forest Block Machigarh, Forest Compartment No. 262, Pyrophyllite & Diaspore Mining Project. Hence cost of Human resettlement is Nil.
4	Loss of public facilities and administrative infrastructure (Roads, Building, Schools, dispensaries, electric lines, Railways, etc.) on forest land if these facilities were diverted due to the project	There is no loss of public facilities and administrative infrastructures of forest land due to Machigarh Pyrophyllite & Diaspore Mining Project. No cost has been added on this account.
5	Possession value of forest land diverted	The possession value of forest land diverted is taken 30% of the N.P.V. due to loss of forest i.e. Rs. 1.878 Lacks/Ha. $19.000 \times 1.878 = 35.682$ Lakhs
6	Cost of suffering to ousters.	Not applicable.
7	Habitat Fragmentation cost.	No Forest land will be fragment. There is no amount taken under this account.
8	Compensatory afforestation and soil & moisture conservation cost.	The cost @ Rs. 8.50955 Lahks per Ha. Is taken for compensatory afforestation and soil moisture conservation. Hence amount will be $19.000 \times 8.50955 = 161.681$ Lakhs
9	Total cost due to forest land diversion.	Total cost due to forest land diversion for the Machigarh Pyrophyllite & Diaspore Mining Project will be : $118.94 + 11.894 + 35.682 + 161.681 = 328.197$

KHAJURAHO MINERALS Pvt. Ltd.

DIRECTOR

BENEFIT

SN.	Parameters	Description	Calculation	Benefit in Rs. In Lakh
1	Benefit from produced over a period proposed in the approved project report (30 yrs)	13888.89 M.T. of Pyro.& Dias. Per month	$13888.89 \times 12 \times 30 = 5000000 \text{ M.T.} @ 750/- \text{ Per M.T.}$	3750.00
2	Benefits to economy.	The Govt. shall be benefited by way of payment of Royalty & Taxes which sale be around @750 per M.T.	Forest Roy. - $13888.89 \times 12 \times 30 \times 7 = 35.00$ Royalty - $13888.89 \times 12 \times 30 \times 211.50 = 1057.50$ Sale Tax - $5000000 \times 750 \times 5\% = 187.50$	1280.00
3	Employment potential.	100 labour will be employ.	$100 \times 30 \times 12 \times 30 \times 350$	378.00
Total				5408.00

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MACHIGARH FOREST BLOCK COMP NO.- 262

Benefit to Cost Analysis

Total cost due to forest land	- 328.197
Total benefit due to project	- 5408.00
Benefit Cost ratio	- 1 : 16.4

KHAJURAHO MINERALS PVT. LTD.
A. Singh
DIRECTOR