

## KESH RIPURA GRANITE

### COST

(as per GOI. MOEP4CC No. 7-69/2011 dated 01.08.2017)

**Table - B Estimation of 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 Keshripura Granite Mining Project is Rs. 6.26 Lakhs/Ha. Cost of land. $=18.9 \times 6.26 = 118.314$ Lakhs
2.	Loss of animal Husbandry productivity, including cost of fodder -	As per the cost guideline i.e. 10% of N.P.V. 0.626 Lash per Ha. $=18.9 \times 0.626 = 11.8314$
3.	Cost of human resettlement	There is no human resettlement due to proposed Keshripura Granite 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 Keshripura Granite 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 Lakhs/Ha. $18.9 \times 1.878 = 35.494$ Lakhs
6.	Cost of suffering to oustees.	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. 6.00 Lakhs per Ha. Is taken for compensatory afforestation and soil moisture conservation. Hence amount will be $18.9 \times 6 = 113.40$ Lakhs.
9.	Total cost due to forest land diversion.	Total cost due to forest land diversion for the Keshripura Granite project will be : $118.314 + 11.8314 + 35.494 + 113.40 = 279.0394$ Lakhs


### BENEFIT

SN.	Parameters	Description	Calculation	Benefit in Rs. in Lakh
1	Benefit from Granite produced over a period proposed in the approved project report (30 yrs)	1000 M <sup>3</sup> of granite per month	1000 X 12 X 30 = 360000 M <sup>3</sup> @ 10000 Per M <sup>3</sup>	3600
2	Benefits to economy.	The Govt. shall be benefited by way of payment of Royalty & Taxes which shall be around @1000 per M <sup>3</sup>	1000 X 12 X 30 X 1000	360
3	Employment potential.	500 labour will be employ.	500 X 300 X 325	487.5
Total-				4447.5

## **KESH RIPURA GRANITE**

### **Benefit to Cost Analysis**

<b>Total cost due to forest land</b>	-	<b>279.0394 Lakhs</b>
<b>Total benefit due to project</b>	-	<b>4447.5 Lakhs</b>
<b>Benefit Cost ratio</b>	-	<b>1:15. 9</b>

  
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