

Name of Work: - Construction of road from Kufar to Kanda Km. 0/0 to 4/0.

**CALCULATIONS OF THE NET PRESENT VALUE (NPV) OF THE FOREST
LAND BEING DIVERTED**

In consonance to the order dated 28/03/2008 of Hon'ble Supreme Court of India in writ petition (Civil) number 202 of 1995, the Net Present Value of the forest being diverted is calculated as under:-

The Ecological Class VI includes the forest type found in the forest diverted. The average density of the forest is 0.0400 i.e. open forests

The Hon'ble Supreme Court has fixed NPV of Rs. 6,99,000/- per hectare for class VI eco-value, open forest hence the total value works out to be Rs. 1680186/- for 02.4037 hac of forest land being diverted..


(Ankit Kumar Singh, IFS)
Divisional Forest Officer,
Chopal Forest Division, Chopal

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BILL FOR NPV

Calculation of Net Present Value (NPV) of the forest land to be diverted under FCA.

| | | |
|---|----|----------------|
| 1. Area being diverted. | :- | 02.4037 hac. |
| 2. Total trees in the diverted land. | :- | 65 |
| 3. Trees below class- III | :- | 54 |
| 4. Trees above and class- III. | :- | 11 |
| 5. Conservation of trees below class-III trees into above class trees by taking 2 trees of up to class- III as one trees of higher class. | :- | - |
| 6. No of trees in nil. | :- | - |
| 7. If 400 trees above class- III per hectare then density. | :- | 100% |
| 8. Rate applicable for forest having density less than 10%. | :- | Rs.6,99,000/- |
| 9. Rate applicable for forest having density less than 10% of dense Forest Eco- Class VI | :- | Rs. 6,99,000/- |
| 10. For 00-98-89 hectare NPV Chargeable. | :- | Rs. 1680186/- |
| 11. Total amount. | :- | Rs. 1680786/- |


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BILL FOR N.P.V.

Calculation of Net Present Value of forest land to be diverted under
F.C.A for the construction of road from Kufar to Kanda km. 0/0 to 4/0.

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|---|---|--|
| 1 | Area being diverted. | : 2.4037 hac. |
| 2 | Density | : 0.0400 (Open Forest) |
| 3 | Rate applicable for forest having density below 10% | : $02.4037 \times 699000 = 1680186.30$ Or say Rs. = 1680186/- |
| 4 | For one hectare NPV chargeable. | : 699000/- |


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