

**FORM-IV**

**Form for seeking prior approval under section 2 of the proposal by the State Governments and other authorities.**

<p><b>1. Project Details :</b></p> <p>I. Short narrative of the proposal and project/scheme for which the forest land is required.</p> <p>II. Map showing the required forest area, boundary of the adjoining forest and item wise break-up of the required forest area for different purpose (to be authenticated by an officer not below the rank of Deputy Conservator of Forests).</p> <p>III. Total cost of the project.</p> <p>IV. Justification for locating the project in the forest area giving alternatives examined and reasons for their rejection.</p> <p>V. Financial and social benefits</p> <p>VI. Employment generated.</p>	<p>I. Supplementary proposal for diversion of 55.850 Ha. of Deemed forest land Proposal No. FP/CG/MIN/39334 /2019 in addition to earlier proposal for diversion of 185.017 Ha Forest land Proposal No. FP/CG/MIN/16237/2015 for Chhal OC Seam III 6 MTY Project of SECL in Raigarh District of Chhattisgarh.</p> <p>II. Total area of forest land proposed to be diverted : Deemed forest land 55.850ha.in addition to earlier proposal for diversion of 185.017 Ha. Map showing the required forest area is enclosed.</p> <p>III. 61063 Lacs.</p> <p>IV. There is coal (natural resources) belowground under the applied forest land area which needs to be extracted for development of the nation.</p> <p>V.</p> <p>1. Population growth and In-migration.</p> <p>2. Human settlement and re-Settlement/Rehabilitation.</p> <p>3. Transport and Communication.</p> <p>4. Income and Employment.</p> <p>5. Civic amenities and Community development.</p> <p>6. Educational facilities and Literacy drive.</p> <p>7. Economic growth.</p> <p>8. Growth of financial revenues (State &amp; central).</p> <p>9. Social status growth.</p> <p>VI. 447 permanent/regular employment is likely to be generated.</p>
<p><b>2. Location of the project/scheme :</b></p> <p>I. State/Union territory.</p> <p>II. District.</p> <p>III. Forest Division, Forest Block, Compartment etc.</p>	<p>I. Chhattishgarh</p> <p>II. Raigarh</p> <p>III. Dharamjaigarh, Chhal Kudekela Range.</p>

  
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3. Item-wise break-up of the total land required for the project/scheme along with its Existing land use.

Land required (in ha.)

SL. No.	Particulars	Area (in Ha.)
1.	Land for quarry	875.01
2.	External OB Dump	130.73
3.	Surface Industrial Development, Railway siding, Colony, Approach road etc.	50.00
4.	For Homestead Family	50.00
5.	For Environment & Safety	92.65
6.	Safety zone	144.47
Total		1342.68

Existing land use (in ha.)

SL. No.	Particulars	Area (in Ha.)
1.	Tenancy land	825.685
2.	Govt. land	332.016(including Deemed forest land of 55.850 ha)
3.	Forest land	185.017

4. Details of forest land involved :

I. Legal status of the forest (namely, reserve, protected/un-classed etc.)

II. Details of flora and fauna existing in the area.

I. Deemed forest land: 55.850ha.

**II. Flora existing in the area**

**Upper Canopy :**

Sal (Shorea robusta), Saja (Terminaliatomentosa), Dhobin (Dalbergia paniculata), Harra (Terminalia chebula), Bhirra (Chloroxylon swietenia), Amaltas (Casiastistula), Tendu (Dyospyros melanoxylon), Jamun (Syzigium cumini), Lendia (Lagerstromia parviflora), Aonla (Embllica officinallis), Bhilwa (Semicarpus anacardium), Mahua (Madhuca indica), Semul (Boxbax ceiba).

**Undergrowth :**

Dudhi (Hollarrhena), Chhind (Phoenix acaulis), Dhawai (Woodflordia floribunda), Dikamali (Gardenia Lucinda), Sendhuri (Mallotus phillippensis), Marorphal (Hebetressixora).

**Grasses :**

Bhurbhusi (Eragostriss tenella), Doob (Cynodon dactylon), Phuli (Apuda mutica), Bhunad (Anthistiria ciliate), Rusa (Cymbopogan).

**Climbers :**

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	<p>Palasbel (<i>Butea suerba</i>), Gurar (<i>Millittia auriculata</i>), Kalsibel (<i>Vintilago calyculata</i>).</p> <p><b><u>Fauna existing in the area</u></b></p> <p><b>Wild Animals :</b> Hare (<i>Lepus nigricolis</i>), Langur (<i>Presbitis entellus</i>), Sloth bear (<i>Melupsus ursinis</i>), jacle (<i>Canis indicus Kola</i>), Stripped (<i>Funumbulus palamarum squirrel</i>), Indian bus (<i>Suncus caeruleus rat</i>), Elephant.</p> <p><b>Wild birds :</b> Bater (<i>Cotarnix xocommunis</i>), Red turtle, Dove (<i>Streptopelia tranguebaricus</i>), Jungle crow (<i>Corvus macrohynchos</i>).</p> <p><b>Reptiles :</b> Large land monitor lizard (<i>Varanus sivalansis</i>), Girgit (<i>Calotes verticolar Sitana ponticeriana</i>, Riopa linetra).</p> <p><b>Snakes :</b> Rat snakes (<i>Zamenis mucosus</i>), Water snake (<i>Hydrphis sps</i>).</p> <p><b>Fishes :</b> Common local fishes are found.</p>
III. Density of vegetation.	III. 0.4
IV. Species-wise and diameter class-wise abstract of trees.	IV. Enclosed
V. Vulnerability of the forest area to erosion, whether it forms a part of a seriously eroded area or not.	V. No
VI. Whether it forms a part of national park, wild life sanctuary, nature reserve, biosphere reserve etc and if so, details of the area involved. (Specific comments of the Chief wildlife warden to be annexed).	VI. No
VII. Item-wise break-up of the forest land required for the project/scheme for different purposes.	VII. Deemed forest land of 55.850 ha required for the purpose of Mining of coal.
VIII. Rare endangered species of flora and fauna found in the area.	<p>VIII. Flora : Rare endangered species found : None.</p> <p>Fauna : Rare endangered species Lomri, Neola, Girgit, Python, Rat, Snakes found.</p>

  
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IX. Whether it is a habitat for migrating fauna or forms a breeding ground for them.	IX. No.																																																													
X. Any other significance of the area relevant to the proposal.	X. NA.																																																													
5. Details of displacement of people due to the project : I. Total number of families involved in displacement. II. Number of Scheduled Cast/Scheduled Tribe families involved in displacement. III. Detailed rehabilitation plan.	<p>I. Total nos. of families: 450</p> <p>II. Scheduled Cast families: 75 nos. Scheduled Tribe families: 159 nos.</p> <p>III. There are six villages viz. Khedapali, Bandhapali, Chhal, Nawapara, Chandrasekharpur (Edu) and Lat wholly or partly located in the block. The no. of PAPs and PAFs are 675&amp;450 respectively. Rehabilitation and Resettlement of PAPs &amp; PAFs will be done following the State R&amp;R provisions &amp; CIL R&amp;R Policy. The involved homestead will be suitably shifted in rehabilitation sites of 23.31 ha.</p>																																																													
6. Details of compensatory afforestation scheme : I. Details of non-forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.	<p>I. Total 116.680 ha. of degraded forest area has been identified at Dharamjaigarh Forest Division for Compensatory Afforestation. Total nos. of patches &amp; size of each patch are as given below :-</p> <p>II.</p> <table><tr><th>S. No</th><th>Division</th><th>Range /Village</th><th>Compartment No.</th><th>Proposed Area(in Ha.)</th></tr><tr><td rowspan="4">1.</td><td rowspan="4">Dharamjaigarh</td><td rowspan="4">Chhal/ Singhijhap</td><td>498(P.F) Part 01</td><td>9.166</td></tr><tr><td>498(P.F) Part 02</td><td>3.218</td></tr><tr><td>498(P.F) Part 03</td><td>8.133</td></tr><tr><td>498(P.F) Part 04</td><td>6.522</td></tr><tr><td>2.</td><td>Dharamjaigarh</td><td>Chhal/ Singhijhap</td><td>500(P.F)</td><td>18.000</td></tr><tr><td rowspan="2">3.</td><td rowspan="2">Dharamjaigarh</td><td rowspan="2">Lailunga/ kendatikra</td><td>222(P.F) Part 01</td><td>5.992</td></tr><tr><td>222(P.F) Part 02</td><td>22.151</td></tr><tr><td>4.</td><td>Dharamjaigarh</td><td>Lailunga/ Tangajor</td><td>254(R.F)</td><td>12.965</td></tr><tr><td rowspan="2">5.</td><td rowspan="2">Dharamjaigarh</td><td rowspan="2">Lailunga/ Potra</td><td>221(P.F) Part 01</td><td>3.455</td></tr><tr><td>221(P.F) Part 02</td><td>2.248</td></tr><tr><td rowspan="4">6.</td><td rowspan="4">Dharamjaigarh</td><td rowspan="4">Bakaruma/ Rairuma</td><td>101(P.F) Part 01</td><td>2.295</td></tr><tr><td>101(P.F) Part 02</td><td>8.907</td></tr><tr><td>101(P.F) Part 03</td><td>2.374</td></tr><tr><td>101(P.F) Part 04</td><td>1.303</td></tr><tr><td>7.</td><td>Dharamjaigarh</td><td>Bakaruma/ Saskoba</td><td>99(P.F)</td><td>7.515</td></tr><tr><td colspan="4">Total</td><td>114.245</td></tr></table>	S. No	Division	Range /Village	Compartment No.	Proposed Area(in Ha.)	1.	Dharamjaigarh	Chhal/ Singhijhap	498(P.F) Part 01	9.166	498(P.F) Part 02	3.218	498(P.F) Part 03	8.133	498(P.F) Part 04	6.522	2.	Dharamjaigarh	Chhal/ Singhijhap	500(P.F)	18.000	3.	Dharamjaigarh	Lailunga/ kendatikra	222(P.F) Part 01	5.992	222(P.F) Part 02	22.151	4.	Dharamjaigarh	Lailunga/ Tangajor	254(R.F)	12.965	5.	Dharamjaigarh	Lailunga/ Potra	221(P.F) Part 01	3.455	221(P.F) Part 02	2.248	6.	Dharamjaigarh	Bakaruma/ Rairuma	101(P.F) Part 01	2.295	101(P.F) Part 02	8.907	101(P.F) Part 03	2.374	101(P.F) Part 04	1.303	7.	Dharamjaigarh	Bakaruma/ Saskoba	99(P.F)	7.515	Total				114.245
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II. Map showing non-forest/degraded forest area identified for compensatory																																																														

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<p>afforestation and adjoining forest boundaries.</p> <p>III. Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure etc.</p> <p>IV. Total financial outlay for compensatory afforestation scheme</p> <p>V. Certificates from competent authority regarding suitability of area identified for compensatory afforestation for afforestation and from management point of view. (To be signed by an officer not below the rank of deputy conservator of forests).</p>	<p>III. Enclosed</p> <p>IV. Enclosed</p> <p>V. Enclosed</p>
<p>7. Details regarding Transmission Lines(only for transmission Line Proposal)</p> <p>I. Total length of the Transmission Line.</p> <p>II. Length passing through forest area</p> <p>III. Right of way.</p> <p>IV. Number of Tower to be erected.</p> <p>V. Number of Tower to be erected in forest area.</p> <p>VI. Height of transmission Tower.</p>	<p>NA</p>
<p>8. Details of irrigation Hydel Project(only For irrigation/Hydel project)</p> <p>I. Total catchment area.</p> <p>II. Total command area.</p> <p>III. Full reservoir Level.</p> <p>IV. High flood Level.</p> <p>V. Minimum Drawal Level.</p> <p>VI. Break-up area falling in catchment area of the project.(Forest land, cultivated land, pasture land, human cultivation, others)</p>	<p>NA</p>

  
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<p>VII. Area of submergence at high flood level.</p> <p>VIII. Area of submergence at full Reservoir level.</p> <p>IX. Area of submergence at 2 meter below full Reservoir Level.</p> <p>X. Area of submergence at 4 meter below full Reservoir Level (For Medium and major projects only).</p> <p>XI. Area of submergence at high flood level.</p> <p>XII. Area of submergence at full Reservoir level.</p> <p>XIII. Area of submergence at 2 meter below full Reservoir Level.</p> <p>XIV. Area of submergence at 4 meter below full Reservoir Level (For Medium and major projects only).</p> <p>XV. Area of submergence at minimum Drawal Level.</p> <p>XVI. Detailed catchment outlays and details regarding availability of funds for Catchment area treatment plants</p>	
<p>9. Details regarding Road / Railway Lines (Only for Road /Railways lines proposal)</p> <p>I. Length and width of the strip and forest area required.</p> <p>II. Total Length of the road.</p> <p>III. Length of the road already constructed.</p> <p>IV. Length of the road passing through the forest,</p>	<p>NA</p>

  
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<p>10. Details regarding mining proposal (Only for mining proposal)</p> <p>I. Total mining lease area and forest required.</p> <p>II. Period of mining lease proposed.</p> <p>III. Estimated reserve of each mineral / ore in the forest area and in the non forest area.</p> <p>IV. Annual estimated production of mineral / ore.</p> <p>V. Nature of mining operation (opencast / underground)</p> <p>VI. Phased reclamation plan.</p> <p>VII. Gradient of the area where mining would be undertaken.</p> <p>VIII. Copy of the Lease Deed (to be attached only for renewal purposes)</p> <p>IX. Number of laborers to be employed.</p>	<p>I. 1342.86 Ha.</p> <p>II. 30 Years</p> <p>III. Estimated reserve of mineral(Coal) in the Deemed forest area : 11 million tonnes.</p> <p>Estimated reserve of mineral(Coal) in other forest area : 36 million tonnes.</p> <p>Estimated reserve of mineral(Coal) in the non-forest area : 104 million tonnes.</p> <p>IV. 6.0 MTY</p> <p>V. Opencast</p> <p>VI. Enclosed</p> <p>VII. Flat topography</p> <p>VIII. NA</p> <p>IX. Departmental manpower= 296 Outsourced manpower = 350 (approx.) Others = 150 (approx.)</p>
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<p><b>Area of forest land required for :</b></p> <p>a) Mining</p> <p>b) Storing mineral / ore.</p> <p>c) Dumping of overburden.</p> <p>d) Storing tools and machinery.</p> <p>e) Construction of building power station, workshop, etc.</p> <p>f) Township / Housing colony.</p> <p>g) Construction of road / ropeway / railway lines.</p> <p>h) Full land use plan of forest area required.</p>	<p><b>Area of forest land required for</b></p> <p>a) Mining: 55.850 Ha.</p> <p>b) Storing minerals/Ore : Nil</p> <p>c) Dumping of Overburden : Nil</p> <p>d) Storing tools &amp; Machineries : Nil</p> <p>e) Construction of building power station, workshop etc. : Nil</p> <p>f) Township/Housing colony : Nil</p> <p>g) Construction of road/ropeway/railway lines : Nil</p> <p>h) Full land use plan of forest area required : As-above.</p>
<p>X. Reasons why any of the activities, referred to in (a) to (h) above under the project for which forestland has been asked for cannot be undertaken / located outside forest area.</p>	<p>X. There is coal (natural resources) belowground under the applied forest land area which needs to be extracted for development of the nation.</p>
<p>XI. The extent of damage likely to be caused and the number of trees affected on account of mining and related activities.</p>	<p>XI. Extent of damage : Number of trees affected on account of mining and related activities:16000</p>
<p>XII. Distance of the mining area from perennial water courses national and state highway national parks sanctuaries and biosphere reserves.</p>	<p>XII. River Mand flowing in the south side of Mining area and State highway no. 22 of about 04 km length is passing through the mid of the mining area.</p>
<p>XIII. Procedure for stocking of the topsoil for reuse.</p>	<p>XIII. Top soil shall be stocked/placed on a stable area, not disturbed &amp; protected from wind and water erosion, unnecessary compaction and contamination which lessen the capability of the materials to support vegetation when redistributed.</p> <p>XIV. Excavation shall be done by</p>

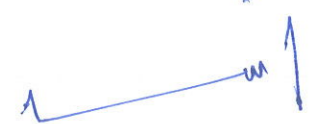


  
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XIV. Extent of subsidence expected in underground mining operations and its impact on water, forest and other vegetation.	Opencast mining method.
11. Cost –benefit analysis.	Report enclosed
12. Whether clearance from environmental angle is required (yes/no) if yes, whether requisite details for the same have been furnished (yes/no)	Yes.  Yes
13. Whether any work in violation of the Act has been carried out (yes/no) if yes  I. Details of the same including date of commencement. II. Officers responsible for violation of the Act. III. Action taken/being taken against erring officers. IV. Whether work in violation of the Act is still in progress.	No.  I. NA  II. NA  III. NA  IV. NA
14. Any other information	NA
15. Detailed opinion of the Chief Conservator of Forest/Head of the Forest Department concerned covering the following aspects namely : I. Out-turn of timber, fuel wood and other forest produce from the forest land involved. II. Whether the district is self sufficient in timber and fuel wood and III. The effect of the proposal on a) Fuel wood supply to rural population	



  
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<p>b) Economy and Livelihood of the tribal and backward communities.</p> <p>IV. Specific recommendations of the Chief Conservator of Forest/Head of the Forest department for the acceptance or otherwise of the proposal with reasons thereof.</p>	
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**Certified that all other alternatives for the purpose have been explored and other demand for the required area is the minimum demand for forest land.**






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राज्य सरकार के अधिकारी  
राज्य सरकार के अधिकारी

Signature of the authorized  
Officer of the state Government/Authority

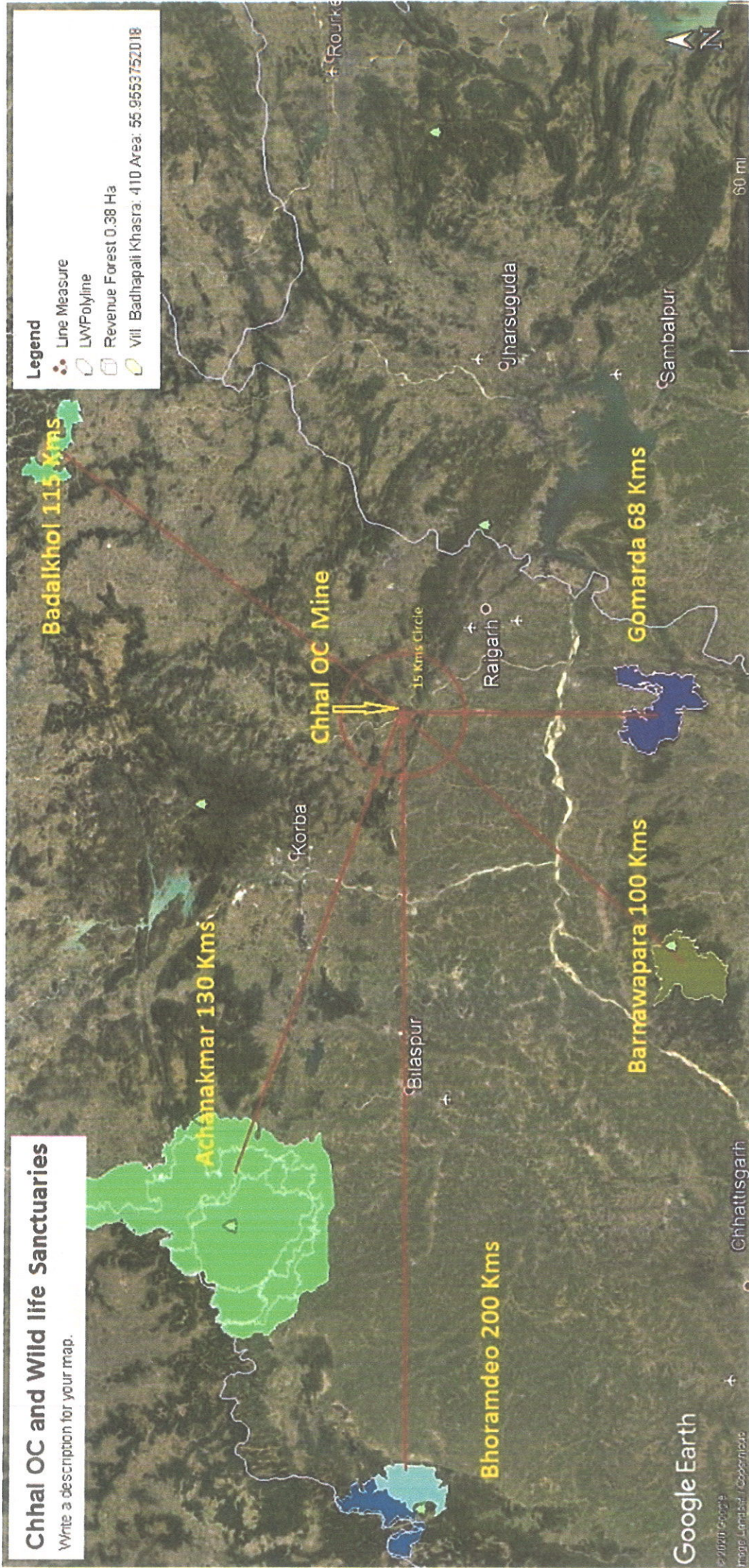
**FORM-IV**  
**Flora and Fauna existing in the area**

<p>1. Details of forest land involved :</p> <p>I. Legal status of the forest (namely, reserve, protected/un-classed etc.)</p> <p>II. Details of flora and fauna existing in the area.</p>	<p><b>I.</b> Deemed forest land: 55.850ha.</p> <p><b>II. <u>Flora existing in the area</u></b></p> <p><b>Upper Canopy :</b> Sal (Shorea robusta), Saja (Terminaliatomentosa), Dhobin (Dalbergia paniculata), Harra (Terminalia chebula), Bhirra (Chloroxylon swietenia), Amaltas (Casia fistula), Tendu (Dyospyros melanoxylon), Jamun (Syzygium cumini), Lendia (Lagerstromia parviflora), Aonla (Emblica officinallis), Bhilwa (Semicarpus anacardium), Mahua (Madhuca indica), Semul (Boxbax ceiba).</p> <p><b>Undergrowth :</b> Dudhi (Hollarrhena), Chhind (Phoenix acaulis), Dhawai (Woodfordia floribunda), Dikamali (Gardenia Lucinda), Sendhuri (Mallotus philippensis), Marorpal (Hebetressixora).</p> <p><b>Grasses :</b> Bhurbhusi (Eragostriss tenella), Doob (Cynodon dactylon), Phuli (Apuda mutica), Bhunad (Anthistiria ciliate), Rusa (Cymbopogan).</p> <p><b>Climbers :</b> Palasbel (Butea suerba), Gurar (Millittia auriculata), Kalsibel (Vintilago calyculata).</p> <p><b><u>Fauna existing in the area</u></b></p> <p><b>Wild Animals :</b> Hare (Lepus nigricolis), Langur (Presbitis entellus), Sloth bear (Melupsus ursinis), jacle (Canis indicus Kola), Stripped (Funumbulus palamarum squirrel), Indian bus (Suncus caeruleus rat), Wild Elephant (elephas maximus )</p> <p><b>Wild birds :</b> Bater (Cotarnix xocommunis), Red turtle, Dove (Streptopelia tranguabaricus), Jungle crow (Corvus macrohynchos).</p> <p><b>Reptiles :</b> Large land monitor lizard (Varanus sivalansis), Girgit (Calotes verticolar Sitana ponticeriana, Riopa linetra).</p> <p><b>Snakes :</b> Rat snakes (Zamenis mucosus), Water snake (Hydriphis sps).</p> <p><b>Fishes :</b> Common local fishes are found.</p> <div style="text-align: center;"><div style="display: inline-block; width: 30%;"> वनमण्डलाधिकारी परमजयगढ़ वनमण्डल</div><div style="display: inline-block; width: 30%;"> उप वन मण्डलाधिकारी परमजयगढ़ उप वन मण्डल</div><div style="display: inline-block; width: 30%;"> वन परिक्षेत्राधिकारी छाल परिक्षेत्र वनमण्डल, परमजयगढ़</div></div>
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Form- IV

Point (4) (vi)



*Signature*