

EDS Compliance of Rajbar E&D Coal Mine
Diversion of 564.90 Ha of Forest Land
Proposal No. FP/JH/MIN/48598/2020
Ref. - MoEF&CC, GoI no.8-12/2025-FC, dt.27.01.2026.

| S.No | EDS Point | Compliance Submitted by the user agency | Compliance by DFO |
|------|--|---|--|
| 1 | <p>The instant proposal is for more than 100 Ha. Accordingly, the State Government is requested to submit the Site Inspection Report of the Nodal Officer as per the provisions of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980.</p> | <p>Nodal Officer inspected the site on 09/02/2026.</p> | <p>As per VSES, Rules, 2023, Nodal Officer has inspected the site on 09/02/2026 and the same has been uploaded in the PARIVESH 1.0 Portal.</p> |
| 2 | <p>It has been reported in the Mining plan that, based on the 71 co-ordinate points given in the certified plan of CMPDI, the block area has been firm up to 1487 ha, which is coal bearing whereas the user agency in their letter dated 02.08.2018 to the Deputy Commissioner, Latehar has informed that 'during planning a coal mine over 1487 ha area of the block: 17 ha of land under meanders of Sukri River and 150 ha of area in the metamorphic high zone was excluded from mining area and proposed to be mined using UG technology at later stage. Thus 1320 ha of mine area was firm up for coal winning. Therefore, it needs clarification whether the MoC has allowed to exclude this 17 ha Coal bearing area</p> | <p>The Ministry of coal approved the Mining plan (including Mine Closure Plan) on 13-03-2019 vide file no 34011-18-2017-CPAM for 1320 Ha within allotted coal block and 31 Ha beyond coal block and non-coal bearing area for infrastructure development duly considering</p> <p>a) The riverine patch of 17 ha which is considered inaccessible for mining being practically under water.</p> <p>b) 150 ha patch in the North Central segment of the property, has high metamorphic floor. This area has very poor coal deposit with occurrence of Seam III, IV, V & VI only. The thickness of these coal layers is varying from less than a meter to maximum of 3 m. Total coal reserve comes to 7.85 Mt over this 150 ha patch and the Overburden to be excavated is 58.7 M Cum with a stripping ratio of 8.04.</p> <p>Further, the surface above this patch has sizeable population of about 800 people, posing Rehabilitation and Resettlement (R&R) problem for comparatively small quantity of extractable coal. The 4 layers of Seam I & II are almost absent due to this metamorphic high floor.</p> <p>These situations have resulted into making the patch unfeasible from mining point of view. Hence total coal bearing area for extraction and further deliberation, comes to 1487 ha – 167 ha (150 + 17) = 1320 ha.</p> | <p>The Mining Plan was approved for an area of 1320 Ha within allotted coal block of 1487.0 ha and this is the mineable area at present. Further, 31.0 ha non-coal bearing area beyond Coal block has been identified for infrastructure development.</p> <p>The area of 17 Ha which is a riverine patch was not considered in approved Mining plan.</p> <p>The user agency has uploaded KML file of the detailed area as per mining plan. Further, KML/Shape file has also been submitted in shape of USB drive enclosed to the compliance.</p> |

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|--------------|--|---|-------------------|-------------------|--------|------|-----------|------|-----------|------|---|------|--------|------|-----------|------|-----------|------|---------|------|------------|------|------------|------|--------|-----|-----------|-----|-------|-----|----------|-----|--------------|-------------|--|
| | <p>from the original allocation along with supporting documents. KML file etc.</p> | <p>Ministry of Coal, GoI approved the Mining Plan duly considering the above observations of the proponent and <i>“while according the approval, directed the mining Company (Point No II) to come up with revised/modified Mining Plan (including Mine closure Plan) within 3 years of starting of the mine incorporating the liquidation plan of extractable reserves in 150 Ha area (on the northern side) and reserves amenable for underground Mining which have been excluded in this mining Plan. (Copy of approval letter is enclosed).”</i></p> <p style="text-align: center;">Seam wise Geological Reserve in 150 ha Patch</p> <table border="1" data-bbox="521 770 1179 1352"> <thead> <tr> <th>Seams</th> <th>Net Reserves (Mt)</th> </tr> </thead> <tbody> <tr> <td>VI Top</td> <td>0.05</td> </tr> <tr> <td>VI Middle</td> <td>0.41</td> </tr> <tr> <td>VI Bottom</td> <td>0.48</td> </tr> <tr> <td>V</td> <td>1.29</td> </tr> <tr> <td>IV Top</td> <td>1.67</td> </tr> <tr> <td>IV Middle</td> <td>0.40</td> </tr> <tr> <td>IV Bottom</td> <td>1.34</td> </tr> <tr> <td>III Top</td> <td>1.03</td> </tr> <tr> <td>III Middle</td> <td>0.80</td> </tr> <tr> <td>III Bottom</td> <td>0.38</td> </tr> <tr> <td>II Top</td> <td>NIL</td> </tr> <tr> <td>II Bottom</td> <td>NIL</td> </tr> <tr> <td>I Top</td> <td>NIL</td> </tr> <tr> <td>I Bottom</td> <td>NIL</td> </tr> <tr> <td>Total</td> <td>7.85</td> </tr> </tbody> </table> <p>CMPDIL vide letter no.J-4734, dt.26.10.2018 has certified that the 31 Ha area lies on non-coal bearing and it does not encroach into any other coal block.</p> <p>Further, the KML file along with Shape file of 17 Ha i.e. part of Sukri River is enclosed in USB Drive.</p> | Seams | Net Reserves (Mt) | VI Top | 0.05 | VI Middle | 0.41 | VI Bottom | 0.48 | V | 1.29 | IV Top | 1.67 | IV Middle | 0.40 | IV Bottom | 1.34 | III Top | 1.03 | III Middle | 0.80 | III Bottom | 0.38 | II Top | NIL | II Bottom | NIL | I Top | NIL | I Bottom | NIL | Total | 7.85 | |
| Seams | Net Reserves (Mt) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| II Top | NIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| II Bottom | NIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I Top | NIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I Bottom | NIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3 | <p>It has been reported in the mining plan that, during the last decade of mine life, opencast mining would be carried out over North-Western region, where Seam I & II are not workable because of thinning & inconsistent deposit. The underground mining would be carried out in North area, where OC mining would have been completed before 41st year of mine life. Thus, exhaustion of underground mine reserve in North area would take place as a co-terminous operation of the OC mining in North-West. Whereas, in the instant proposal, the mine is proposed to be worked out through Open-cast technology. This variation in the facts needs submission. Furthermore, the 3-D subsidence prediction model for the Underground mining shall be submitted by the State Government.</p> | <p>a) The Ministry of Coal approved the Mining plan (including Mine Closure Plan) on 13-03-2019 vide file no 34011-18-2017-CPAM.</p> <p><i>“Ministry of coal while according the approval, directed the mining Company (Point No II) to come up with revise/modified Mining Plan (including Mine closure Plan) within 3 years of starting of the mine incorporating the liquidation plan of extractable reserves in 150 Ha area (on the northern side) and reserves amenable for underground Mining which have been excluded in this mining Plan.”</i></p> <p>Copy of approval letter dt.13.03.2019 is enclosed as Annexure-1.</p> <p>It is submitted that the present proposal has been made for opencast Mining as the entire forest land involved has been applied for diversion. Underground mining will be carried out for seam I &II beneath the opencast workings and within the lease boundary, and no separate forest land is required for underground mining. Further it is to submit that, the underground mining is planned to commence operations from 8th-9th year of commencement of opencast operation. The idea is to keep the U/G working at least about 500 m away from opencast blasting faces. This U/G mine will progress keeping a safe distance from O.C. mine blasting faces.</p> <p>There will not be any simultaneous operations of opencast and underground workings at the same place. After depletion of reserves in north side of opencast mine only the underground working will be taken up in north side and by that time the opencast working will be done in North west region.</p> <p>As per approval accorded by MoC, the revised mining plan will be submitted within 3 years of commencement of Opencast Mining.</p> <p>The technology of Method of working of Underground Mining is not finalised. Tenughat Vidyut Nigam Limited (TVNL), Ranchi, is submitting an undertaking to submit 3-D subsidence prediction model at the time of submission of revised Mining Plan.</p> <p>Undertaking is enclosed as Annexure – 2.</p> | <p>The present proposal is for opencast Mining Only. Copy of approval letter dt.13.03.2019 of mining plan is enclosed as Annexure-1.</p> <p>The entire forest land involved in the present proposal applied for diversion for open cast mining.</p> <p>Underground mining will be carried out for seam I &II beneath the opencast workings and within the lease boundary, and no separate forest land is required for underground mining.</p> <p>However, User agency submitted an undertaking for submission of 3-D subsidence prediction Model at the time of submission of revised mining plan which will be submitted within 3 years of commencement of opencast mining. Undertaking is enclosed as Annexure-2.</p> |
| 4 | <p>In the post mining land-use, out of 1351 ha area, 280 ha area has been proposed to be kept as Excavated Void and thereafter, 269 ha area will be filled with</p> | <p>As per Mining plan 269 Ha of void will be left over as water body. Out of 1351 Ha of project land about 1262 Ha area is excavation area. From 5th year of operation Backfilling will be carried out. The total back filled area is 982 Ha. The observations of the Conservator of Forest that the mined-out forest area should be rehabilitated properly is a general observation and will be complied in the entire back filled area.</p> | <p>While designing the Mining Plan, it is proposed to take up agriculture over 506.48 ha and 537.12 ha will be rehabilitated through taking up plantation activities over back filled area &</p> |

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|------------------------|---|---|---|--|-----------|--|-------------|-----------|------------------|--------------------------------|-----------------|---------|--|--|-----------------|--|--------|--|----------------|--|--------|--|---------------|--|--|--|---------------|--|--|--|----------------|-------|-------|--|--------------|--|--|--------|-----------------|-------|-------|---------------|------------|--|--|--------|-----------------|-------|-------|-------|-----------|-------|-------|--|------------------------|------|------|------|--------------|----------------|----------------|----------------|---|
| | <p>water whereas the CF, Medininagar in their recommendation has mentioned that the mined-out area should be rehabilitate properly. Thus, recommendation made in the mining plan is found in variance to the recommendation made by the CF, Medininagar. The State shall offer their comments in this regard.</p> | <p>Out of 280 Ha void area. 269 ha will be water body and in balance 11 Ha plantation will be taken up. As per the progressive Mine closure Plan, phase wise plantation activities will be taken up and by the time of final mine closure, plantation will be developed in 537.12 Ha and about 506.48 Ha land will be used for agriculture.</p> <p>As per the progressive Mine closure Plan, phase wise plantation activities will be taken up and by the time of final mine closure, plantation will be developed in 537.12 Ha and about 506.48 Ha land will be used for agriculture.</p> <p>The details of final mine closure land use plan is furnished herewith.</p> <table border="1" data-bbox="527 806 1120 1545"> <thead> <tr> <th colspan="2">Proposed Land Use</th> <th colspan="2">Land Uses</th> </tr> <tr> <th>Type of Use</th> <th>Land Area</th> <th>End of Mine Life</th> <th>Post Closure after Reclamation</th> </tr> </thead> <tbody> <tr> <td>Excavation Area</td> <td>1262.00</td> <td></td> <td></td> </tr> <tr> <td>Backfilled Area</td> <td></td> <td>982.00</td> <td></td> </tr> <tr> <td>Excavated Void</td> <td></td> <td>280.00</td> <td></td> </tr> <tr> <td>Top Soil Dump</td> <td></td> <td></td> <td></td> </tr> <tr> <td>External Dump</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Infrastructure</td> <td>33.90</td> <td>33.90</td> <td></td> </tr> <tr> <td>Agricultural</td> <td></td> <td></td> <td>506.48</td> </tr> <tr> <td>Plantation Area</td> <td>28.90</td> <td>28.90</td> <td>537.12</td> </tr> <tr> <td>Water Body</td> <td></td> <td></td> <td>269.00</td> </tr> <tr> <td>Public/ Com Use</td> <td>11.00</td> <td>11.00</td> <td>37.40</td> </tr> <tr> <td>Other Use</td> <td>14.20</td> <td>14.20</td> <td></td> </tr> <tr> <td>Undisturbed/ MR for UG</td> <td>1.00</td> <td>1.00</td> <td>1.00</td> </tr> <tr> <td>Total</td> <td>1351.00</td> <td>1351.00</td> <td>1351.00</td> </tr> </tbody> </table> | Proposed Land Use | | Land Uses | | Type of Use | Land Area | End of Mine Life | Post Closure after Reclamation | Excavation Area | 1262.00 | | | Backfilled Area | | 982.00 | | Excavated Void | | 280.00 | | Top Soil Dump | | | | External Dump | | | | Infrastructure | 33.90 | 33.90 | | Agricultural | | | 506.48 | Plantation Area | 28.90 | 28.90 | 537.12 | Water Body | | | 269.00 | Public/ Com Use | 11.00 | 11.00 | 37.40 | Other Use | 14.20 | 14.20 | | Undisturbed/ MR for UG | 1.00 | 1.00 | 1.00 | Total | 1351.00 | 1351.00 | 1351.00 | <p>dismantled area. To cater the need of water and to raise the ground water table of the area, concept of water body over excavated land within the ML has been conceptualised. The statement of CF, Medininagar is a general version on the back drop of reclamation of the mined-out land.</p> |
| Proposed Land Use | | Land Uses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type of Use | Land Area | End of Mine Life | Post Closure after Reclamation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Excavation Area | 1262.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Backfilled Area | | 982.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Excavated Void | | 280.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top Soil Dump | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| External Dump | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infrastructure | 33.90 | 33.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Agricultural | | | 506.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plantation Area | 28.90 | 28.90 | 537.12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water Body | | | 269.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Public/ Com Use | 11.00 | 11.00 | 37.40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other Use | 14.20 | 14.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Undisturbed/ MR for UG | 1.00 | 1.00 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 1351.00 | 1351.00 | 1351.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | <p>Details of coal evacuation plan and how the requirement of electricity and water will be met needs clarification and the involvement of forest land, if any, shall also be intimated.</p> | <p>As per approved Mining plan transport of coal to Chetar railway station located at a distance of 13.7 kms will be done through Belt conveyor from Coal handling Plant to be constructed near the Mine Box cut area.</p> <p>Keeping in view of cluster of mines in close vicinity i.e. Banhardih coal block, Rajbar E&D coal block and Tubed coal block of DVC, and future coal blocks, as a</p> | <p>As per Mining Plan, the Coal is to be transported through conveyor belt up to Chetar railway station and there from through rail to TVNLs power plant.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | <p>part of Pradhan Mantri Gati Shakti programme, the East Central Railway has come up with a proposal to have a common rail corridor connecting these coal blocks.</p> <p>Accordingly, a railway line is coming from Chetar railway station connecting all the coal blocks and alignment was finalised up to Banhardih coal mine.</p> <p>However, if railway line is delayed, a siding dedicated for Rajbar E&D would be proposed by branching off from Banhardih Line.</p> <p>Now the present proposal is to extend the railway line up to Tubed coal mine via Rajbar E&D coal block.</p> <p>It is to submit that the alignment of proposed extension of railway line is not finalised. After finalisation of alignment a separate proposal will be submitted if any forest land exists.</p> <p><u>Electricity</u></p> <p>LT power is available in the Mine site. The source of HT power is available at Latehar which is 27.5 Km from mine site. Application for 10 MVA has been submitted on dated 25.06.2025 with Ref. No.MAR250625016854. Map has been approved from the office of Jharkhand Electrical Inspectorate, Ranchi on dated 14-Aug-2025 with Certificate No. MAC25081416854. Feasibility Report and Estimate for the same has been prepared and forwarded to EEE (PSS Latehar) from SDO (PSS Latehar).</p> <p>Copy of approval of map dt.14.08.2025 is enclosed as Annexure – 3.</p> <p><u>Water Requirement :</u></p> <p>Water requirement for project is met from Mine seepage water. For Drinking water ground water will be used by drilling borewells. 300 KLD ground water requirement has been submitted to CGWA for approval.</p> <p>A comprehensive hydrogeological report was submitted to CGWA for obtaining NoC which is under process.</p> | <p>Now, the user agency is proposing to extend the railway line up to Tubed Coal Mine via Rajbar E&D project as a part of Pradhan Mantri Gati Shakti programme, for which the alignment of railway line is not finalised. Once, PM Gati Sakti project is finalised, the extend of forest land required for the project can be ascertained and accordingly separate proposal will be submitted if any forest land exists.</p> <p><u>Electricity</u></p> <p>The proposal for establishing HT power line from Latehar to the project site is under active consideration. In this regard, approved map by Jharkhand Electrical Inspectorate is enclosed as Annexue-3</p> <p><u>Water Requirement:</u></p> <p>As informed by user agency, about 300 KLD water requirement was projected and will be met from ground water. The user agency has moved to the Central Ground water Board to accord the approval for use of required ground water.</p> | |

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|---------|--|--|---|--------|------------|------------|--------|---|-----------------------|---|---|---|---|-----------|-----|-----|---|---|-------|-----|-----|---|---|------|---|------|------|---|---------------|-----|------|------|--|
| 6 | <p>In the part-I of the proposal, some non-site-specific activities like CHP with Coal Storage area (12.7 ha) and Township (3.97 ha) have been proposed over the forest land. Therefore, the same needs to be shifted over the non-Forest land nearby and revised details needs to be updated in Part-I of the Proposal.</p> | <p>It is to submit that: the CHP and coal storage yard were planned in non-coal bearing area, within the allotted block boundary and near to Mine entry, to avoid transportation of coal to longer distances with high-capacity Dump trucks of 100 T.</p> <p>There is no sufficient Non forest land is available in Non coal bearing Area</p> <ul style="list-style-type: none"> • The north boundary of the coal block is Sukri River. • Beyond Sukri River Rajbar ABC coal block exists. • The east side area beyond Block boundary is covered with forest Land. <p>However, this structure will be dismantled as soon as mining Operations are completed at the end 48th year as a part of final mine closure and Plantation will be developed.</p> <p>Plan showing CHP Location and surrounding area is enclosed as Annexure – 4.</p> | <p>Only 0.940 percentage of the total approved mining lease area has been proposed for Coal handling plant over non-coal bearing area as per the available geological plan. Further, due consideration has been made to locate the Coal handling plant near mine entrance for ease of doing business.</p> <p>However, this structure will be dismantled as soon as mining Operations are completed at the end 48th year as a part of final mine closure and the same site shall be brought under Plantation.</p> <p>Plan showing CHP Location and surrounding area is enclosed as Annexure – 4.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <p>Regarding 3.97 Ha of forest land</p> <p>The Mining Plan was approved in March 2019. During preparation of Mining Plan, the forest land was considered as 495 Ha only. The township area 10.1 Ha considered in the mining plan was non forest area only.</p> | <p>Annexure – 4.</p> <p>Regarding 3.97 Ha of forest land</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <p>The land use for proposed Mining Activity as per approved Mining Plan is herewith furnished :</p> | <p>The User Agency has submitted an undertaking that the township shall be restricted to non-forest land over 6.13 ha within the ML area only. The forest land over 3.97 ha proposed for town ship shall not be utilised, rather it will remain intact and green belt over the said land parcel will be established. The user agency has furnished an undertaking to keep forest land over 3.97 ha intact and to establish green belt over it which is enclosed as Annexure-5</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <p>Table no 13.2 (Mining Plan) Land uses for proposed Mining activities in the Addl area (31 ha)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Uses</th> <th>Area in ha</th> <th>Non Forest</th> <th>Forest</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electrical Substation</td> <td>2</td> <td>2</td> <td>0</td> </tr> <tr> <td>2</td> <td>Work Shop</td> <td>2.9</td> <td>2.9</td> <td>0</td> </tr> <tr> <td>3</td> <td>Store</td> <td>1.9</td> <td>1.9</td> <td>0</td> </tr> <tr> <td>4</td> <td>Road</td> <td>4</td> <td>3.22</td> <td>0.78</td> </tr> <tr> <td>5</td> <td>Garland Drain</td> <td>0.8</td> <td>0.68</td> <td>0.12</td> </tr> </tbody> </table> | Sl. No. | Uses | Area in ha | Non Forest | Forest | 1 | Electrical Substation | 2 | 2 | 0 | 2 | Work Shop | 2.9 | 2.9 | 0 | 3 | Store | 1.9 | 1.9 | 0 | 4 | Road | 4 | 3.22 | 0.78 | 5 | Garland Drain | 0.8 | 0.68 | 0.12 | |
| Sl. No. | Uses | Area in ha | Non Forest | Forest | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Electrical Substation | 2 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Work Shop | 2.9 | 2.9 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Store | 1.9 | 1.9 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Road | 4 | 3.22 | 0.78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Garland Drain | 0.8 | 0.68 | 0.12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| S.No | EDS Point | Compliance Submitted by the user agency | | | | Compliance by DFO |
|------|---|---|---|--------------|-------------|-------------------|
| | | 6 | 7 | 8 | Total | |
| | | Office | 1.9 | 1.9 | 0 | |
| | | Township | 10.1 | 10.1 | 0 | |
| | | Green Belt Between Mine & Infra Areas | 7.4 | 6.15 | 1.25 | |
| | | Total | 31 | 28.85 | 2.15 | |
| | | <p>During verification of revised ML application on 10th December, 2019, the forest land was revised by DFO Latehar from 495 Ha to 522.35 Ha</p> <p>Further during verification of Forest Clearance application. Dated 26th July, 2022, the forest land was further revised and finally concluded as 535.45 Ha. Due to Revision of forest land from 495 ha to 535.45 ha, a part of township land i.e. 3.97 ha falls under forest category.</p> <p>An undertaking is being submitted by TVNL that the township will be restricted to Non-Forest area of 6.13 Ha only. The forest land of 3.97 Ha proposed for Township will not be disturbed and green belt will be developed in that area.</p> <p>Copy of Undertaking is enclosed as Annexure – 5.</p> | | | | |
| 7 | <p>The proposed forest land is having the presence of schedule-I species such as Elephant, Jackal, Wild Boar, Barking Deer, Hyena, Porcupine, Mongoose, Indian Python, Common Krait, Russell's Viper, Common Sand Boa, Indian Chameleon, Indian Peafowl, Owls, Bulbul, Sunbirds, Baya, Black Drong, Quails etc. Further reported in the SIR carried out by the CF, Medininagar that there has been a rise in man-animal conflicts in surrounding areas.</p> | <p>Wild Life Management Plan was approved by PCCF Wildlife and Chief Wildlife Warden, vide Office Order - no.08, dt.29.01.2026.</p> <p>Copy of the approval letter is enclosed as Annexure – 6.</p> | <p>User Agency has submitted site specific Wildlife Management Plan as per the EDS issued by MoEF during processing of application for Environment Clearance. SSWLCP has been approved by PCCF Wildlife and Chief Wildlife Warden, Jharkhand vide Office Order No. 08, dt.29.01.2026 for Rs.3738.59 lakhs. Due mitigation measure has been prescribed to combat the adverse impact on wild life present in the applied area as well as the impact area due to Mining activities. The copy of the approval letter is enclosed as Annexure-6</p> | | | |

| S.No | EDS Point | Compliance Submitted by the user agency | Compliance by DFO |
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| 8 | <p>Therefore, the comments of the CWLW, Govt. of Jharkhand shall be submitted along with the status of Wildlife management plan may also be intimated.</p> <p>As reported, the instant mining project is located in adjacent to the Sukri River and after implementation of the proposed project few streams will get compromised in entirety or partially and the entire fragile ecosystem would be affected by water crisis a few years down the line. Therefore, the copy of NoC from the Water Resource Department, Govt of Jharkhand needs submission along with the copy of approved CAT plan.</p> | <p>Report prepared by Department of Civil Engineering, IIT Roorkee with regard to establishing HFL data, designing a flood protection bund and diversion of 1st order stream flowing across the coal block has been submitted to Chief Engineer, Water Resources Dept., Medininagar letter no.1599, dt.13.02.2026 for vetting and issuance of NoC.</p> <p>Copy of letter dt.13.02.2026 is enclosed as Annexure – 7.</p> <p>TVNL shall abide to all the conditions to be imposed by State Forest Department and shall take all necessary action for implementation of mitigative measures for the water crisis due to proposed mining activities.</p> <p>Further, TVNL undertakes that NoC from Water Resource Department, Govt. of Jharkhand and approved Catchment Area Treatment (CAT) Plan shall be submitted before final Stage-II approval.</p> <p>Copy of Undertaking is enclosed as Annexure – 8.</p> | <p>Due action has been taken by the user agency regarding diversion of 1st order stream by conducting study through IIT, Roorkey. To seek clearance from water resources department, Government of Jharkhand letter no.1599, dt.13.02.2026 has been submitted by the User agency is enclosed as Annexure-7. It is further requested to prepare Catchment Area Treatment (CAT) Plan. After the CAT Plan is prepared, it will be approved by the competent authority and the levy towards the CAT Plan shall be realized. The user agency has furnished an undertaking to submit the clearance of the water resources department and CAT Plan as soon as it is obtained from the Government of Jharkhand before final Stage-II approval which is enclosed as Annexure-8.</p> |
| 9 | <p>The State Govt. in their recommendation has mentioned that the Soil & Moisture Conservation (SMC) Plan is necessary to mitigate the effect and protect the soil. However, the instant proposal is for open cast coal mining for 48 years. Hence, it needs clarification, how the SMC plan will be implemented by the State in the</p> | <p>DFO Latehar in his inspection report mentioned that “The area proposed for diversion is also prone to soil erosion. Opencast Mining and associated activities would involve activities like breaking of land and removal of earth specially, top soil in the area and beyond. Thus, the entire landscape will become further vulnerable to soil erosion and degradation. Therefore, a comprehensive soil and moisture conservation plan should be prepared and implemented treating the entire land scape to ensure that the comprehensive soil and moisture conservation plan An undertaking is being submitted by TVNL that it shall abide to all conditions imposed by State Forest Department and shall submit Soil & Moisture Conservation (SMC) Plan for implementation of mitigation measures.</p> | <p>Recommendation was made for preparation and implementation of comprehensive soil and moisture conservation plan keeping in view of detrimental impact of Opencast mining activity on the adjacent vast expanse of forest land nearby.</p> <p>The user agency has furnished an undertaking that it shall prepare and submit Soil & Moisture Conservation</p> |

| S.No | EDS Point | Compliance Submitted by the user agency | Compliance by DFO |
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| 10 | <p>proposed forest land. The comments along with mitigation plan in this regard needs submission.</p> <p>The DFO, Latehar in their recommendation has mentioned that, the forest area of proposed mining site is very rich in terms of floral and faunal biodiversity with an ecologically significant gene-pool. Therefore, a sincere effort is needed to preserve the germplasm of the area by conducting a thorough biodiversity and ethno botanical study. The State shall offer their comments in this regard keeping in view to the landscape is likely to experience Four mega coal projects (Upcoming mines at Banhardi-1.5 km & Chakla Coal Mines-12 km; and operational mines at Sikni-4.5 km & Tubed-6.5 km) are close to this proposed mining site.</p> | <p>Copy of Undertaking is enclosed as Annexure – 9.</p> <p>An undertaking is being submitted by that it would abide by all the conditions that will be imposed by State Forest Department for biodiversity and ethno-botanical study.</p> <p>Copy of Undertaking is enclosed as Annexure – 10.</p> <p>Further, the Rajbar E&D Coal Block has been allotted to M/s Tenughat Vidyut Nigam Limited (TVNL), a Government of Jharkhand Undertaking for its captive consumption for its extension power units of 2 x 660 MW.</p> <p>There is huge demand of coal in India for power generation. As the power generation is a major contributor for growth of Nation and also a basic requirement for Country's Development.</p> <p>The coal to be produced from this coal mine would help in generation of power which ultimately shall promote the growth of industries and industrial production. This will help in economic development and more income to the State of Jharkhand. Direct as well as indirect employment opportunity will be generated for the local people comprising mostly of tribal population. Further, mining operation in this area shall improve the infrastructure facilities and enhance the socio-economic condition of the local people.</p> <p>Thus, excavation of coal from Rajbar E&D Coal Block is highly essential.</p> <p>A Plan showing Rajbar E&D Coal Block and other surrounding coal blocks is enclosed as Annexure – 11.</p> | <p>(SMC) Plan for implementation of mitigation measures and the same is enclosed as Annexure-9.</p> <p>The user agency has furnished an undertaking that it would abide by all the conditions that will be imposed by State Forest Department for biodiversity and ethno-botanical study. Which is enclosed as Annexure-10</p> <p>Further User Agency has submitted that excavation of coal from Rajbar E&D Coal Block is highly essential.</p> <p>A Plan showing Rajbar E&D Coal Block and other surrounding coal blocks is enclosed as Annexure – 11.</p> |
| 11 | <p>As per the DSS analysis, the following is reported;</p> <p>a) Calculated area of Shape file/</p> | | <p>a) The user agency once again has uploaded the revised KML/Shape file of 564.90 ha forest land proposed for diversion.</p> |

| S.No | EDS Point | Compliance Submitted by the user agency | Compliance by DFO |
|------|--|--|--|
| | <p>KML file of Forest land proposed for diversion is found 563.964 Ha (software calculated) instead of 564.90 ha as per the online proposal. Therefore, correct KML file-of the proposed forest land shall be uploaded/submitted.</p> <p>b) The KML files/ Maps indicating different components of the project, including those proposed to be undertaken on non-forest land shall be submitted/ uploaded.</p> <p>c) The user agency has uploaded the KML file of Mining lease boundary and its total area is found 1348.774 ha instead of 1351 ha. Therefore, correct KML file of the mining lease shall be submitted.</p> <p>d) Part of CA patches KML file namely Chama and Kalyanpur are overlapping with each other. Therefore, correction in the KML file needs to be carried out.</p> | <p>Revised KML file has been prepared. The KML file and Shape file are enclosed in USB Drive.</p> <p>Revised KML file has been prepared. The KML file and Shape file are enclosed in USB Drive.</p> <p>Land Use Plan is enclosed as Annexure – 12.</p> <p>Revised KML file has been prepared. The KML file and Shape file are enclosed in USB Drive.</p> <p>The KML files were corrected. The revised suitability report for an area 1145.42 Ha and revised CA scheme has been issued by DFO, Garhwa North Forest Division.</p> <p>Revised KML & Shape files are enclosed in USB Drive.</p> | <p>b) The KML/Shape file of the proposed land use of both forest and non-forest land of the ML has been uploaded and also provided in Pen drive enclosed to this compliance. The proposed land use map is enclosed as Annexue-12</p> <p>C) The corrected KML/Shape file of lease boundary showing 1351.0 ha land has been uploaded and also furnished in Pen drive enclosed to this compliance.</p> <p>d) The revised KML files of CA patches in Chama and Kalyanpur has been uploaded and also furnished in Pen drive enclosed to this compliance.</p> |
| 12 | <p>The State in the Part-II form reported that the proposed forest land is having the canopy density of 0.4 to 0.5. Further the area very rich in terms of floral and faunal biodiversity. However, only 68509 number of trees reported in the instant diversion proposal. The factual details in this regard needs</p> | <p>The assessment with respect to tree enumeration is found in order after re-examination. Further, given density is calculated as per physical estimation.</p> | <p>Floral and faunal rich area and the corresponding canopy density of the area are two different aspects from forest management point of view. The applied area is very rich in bio-diversity. But the canopy density is the presence of vegetation over the area and has been assessed accordingly. Further, number of trees standing has been estimated by actual tree counting.</p> |

| S.No | EDS Point | Compliance Submitted by the user agency | Compliance by DFO |
|------|--|---|---|
| 13 | <p>It has been reported that the Area propose for diversion lies in Coppice with Standard and Rehabilitation cum Plantation working circle. Therefore, the details of work carried out as per the working plan shall be submitted.</p> | <p>To be provided by DFO, Latehar Office.</p> | <p>The working plan of Division has been approved for the period from 2012-13 to 2021-22 and as per the approved working plan the applied area lies in Coppice with Standard and Rehabilitation-cum-Plantation working Circle. The salient prescriptions of the concerned WC are enclosed as Annexure-14</p> |
| 14 | <p>As per the details submitted with the proposal, the coal block was allotted in the year 2015. Therefore, it needs clarification whether the allotment of Coal block in favour of present user agency is still valid as on date along with supporting documents.</p> | <p>Office of Nominated Authority, Ministry of Coal, Government of India letter no.NA-103/19/2015/NA, dt.17.12.2025 is being enclosed as Annexure – 13.</p> | <p>User Agency has submitted the recent letter no. NA-103/19/2015/NA, dt.17.12.2025 issued by Ministry of Coal, Gol regarding operationalisation of Coal block considering the request made by user agency to commence mining operations by march 2027 which is enclosed as Annexure-13.</p> |

Divisional Forest Officer
Latehar Forest Division


16.3.26