
 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.PO\Chandragupt24-25/ 524

Date: 28/01/2025

To,

The Divisional Forest Officer,
Chatra South Forest Division,
Chatra.

Sub: Pointwise compliance of the conditions of Stage-I Clearance for 699.38Ha (400.96Ha Chatra South Forest Division and 298.42 Ha in Hazaribagh West Forest Division) of Forest land of Chandragupt OCP, CCL issued by MoEF&CC, Govt. of India, vide File.No.8-24/2023-FC dated 27.05.2024

Ref: Stage-I / In-Principle of FC granted by MoEF&CC Delhi vide File No.-8-24/2023-FC dt. 27.05.2024.

Dear Sir,

Pointwise compliance of conditions of Stage-I Forest Clearance for the diversion of 699.38 Ha Forest land of Chandragupt OCP, CCL issued by MoEF&CC, Govt. Of India, vide F.No.8-24/2023-FC dated 27.05.2024 in Chatra&Hazaribagh Districts of Jharkhand is being furnished below (8 copy) for kind perusal and further needful.

Compliance of Stage - I FC conditions of Chandragupt OCP (699.38 Ha) granted vide reference no 8-24/2023-FC dated 27.05.2024

S.NO	Conditions stipulated in FC	Compliance Status
1	Legal status of the diverted forest land shall remain unchanged;	Chandragupt OCP undertakes that Legal status of the diverted forest land shall remain unchanged. Undertaking in this regard is attached as Annexure-I
2	Compensatory Afforestation:	
i.	The User agency shall provide suitable non-forest land equivalent to the forest land proposed to be diverted for the purpose of Compensatory afforestation. The said land	As per the latest guidelines issued by MoEF&CC on dt 17.12.2024 (copy enclosed as Annexure -2), the Central Agencies/PSUs which were granted 'In-Principle' approval stipulating CA over non-forest land before notification of Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2024, shall be allowed to submit compliance of 'In- Principle' approval along with CA proposal over DFL in lieu of NFL.

Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

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	shall be transferred and mutated in the name of the forest department and notified as protected forest under the provisions of Indian Forest Act, 1927 are the State Specific laws;	As per the aforesaid guideline, Double degraded Forest land is now being accepted for the purpose of raising CA in lieu of Forest land to be diverted. The related Para vi(a) of MoEF & CC guideline is reproduced below: <i>With regards to the applicability of the provisions of the Van (Samrakshan Evam Samvardhan) Amendment Rules, 2024 in respect of proposals of the Central Agencies/PSUs and captive coal blocks of the State PSUs which were granted 'in-principle' approval stipulating CA over non-forest land, the following clarification is given in this regard:</i> <i>"Proposals, which were submitted by the States/UTs before notification of Van (Samrakshan Evam Samvardhan) Amendment Rules, 2024, along with the proposal of raising CA over degraded forest land (DFL) and were granted 'in-principle' approval stipulating CA over non-forest land (NFL), shall be allowed to submit compliance of in-principle approval along with CA proposal over DFL in lieu of NFL. The Central Government will consider and grant final approval in such cases stipulating CA over DFL".</i>
ii.	The non-forest land identified for raising Compensatory Afforestation shall be demarcated by concrete pillars of suitable size and handed over, free from all encumbrances to the State Forest Department report the Final/ Stage-II approval	
iii.	The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars, if required on the CA land, shall be deposited in advance with the Forest Department by the user agency. The CA will be maintained for 10 years. The scheme may include afforestation of indigenous species with appropriate provision for anticipated cost increase for works scheduled for subsequent years. The work of compensatory afforestation shall start within two years of issue of order of diversion of forest land.	Accordingly, a demand of Rs 164,36,19,381/- (Rupees One Hundred Sixty Four Crore Thirty Six lakh Nineteen thousand Three Hundred and eighty One only), has been raised by DFO Chatra (S) & DFO Hazaribagh (W). Details are as under: 1. DFO, (Chatra south) vide letter No:61 dated 07.01.2025 CCL has deposited Rs 82,10,67,915.00 2. DFO (Hazaribagh West) vide letter no:216 dated 10.01.2025 CCL has deposited Rs 54,51,52,566.00 3. DFO, Chatra South Forest Division vide letter no :81 dated 15.01.2025, CCL has deposited Rs 27,73,98,900.00 Payment of Rs. 219,42,90,381/- has been made in "Ad-hoc CAMPA" vide UTR No.ICICR42025012700001515 dt 27.01.2025 Out of this, Rs 164,36,19,381/- (Rupees One Hundred Sixty Four Crore Thirty Six lakh Nineteen thousand Three Hundred and eighty One only), is for cost of Compensatory Afforestation. It is to further mention that, Double Degraded Forest Land (DDFL) for CA purpose in respect of Chandragupt OCP has already been submitted and accepted by IRO, Ranchi, and Advisory Committee of MoEF&CC, Delhi. Copy of Site Inspection Report (SIR) by IRO, MoEF&CC Ranchi dated 08.02.2024 is attached as ANNEXURE-3 Copy of demand notes issued by concerned Division (Hazaribagh West & Chatra South), acceptance by ED Nodal, GoI, Challan & bank certificate are attached as Annexure-4 & Annexure-5 Duly signed Levies format is attached for kind reference as Annexure 22.


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Divisional Forest Officer
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		Further to the above, Chandragupt OCP, CCL undertakes to pay the deficit amount, if any, in respect of Compensatory Afforestation from the money already realized by State Forest Dept. The undertaking to this effect is attached at Annexure-6
3	Net Present Value:	
(i)	The User Agency shall transfer the funds towards the cost of Net Present Value (NPV) of the forest land being diverted under this proposal in accordance with the MoEF&CC's guidelines dated 6.01.2022 read with guidelines dated 19.01.2022	<p>Payment of Rs. 110,26,30,000/- has been made in "Ad-hoc CAMPA" vide UTR No.ICICR42024121100000899 dt 11.12.2024.</p> <p>Out of this, Rs 85,92,51,274/- is for NPV. Payment has been made in accordance with the demand issued by concerned division. Details are as under:</p> <ol style="list-style-type: none"> 1. Demand note of Rs 49,26,15,446.40 received from DFO,Chatra (South) vide the Ltr.No.1129 Dtd.31.05.2024 2. Demand note of Rs 36,66,35,828.00 received from DFO, Hazaribagh (West) vide their Ltr.No.3331 Dtd.04.06.2024. <p>Copy of demand notes issued by concerned Division (Hazaribagh West & Chatra South), acceptance by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-7 & Annexure-8</p> <p>Duly signed Levies format is attached for kind reference as Annexure 22</p>
(ii)	At the time of payment of the Net Present Value (NPV) at the present rate, the user agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India;	Chandragupt OCP undertakes to pay the additional amount of NPV, if so determined , as per the final decision of the Hon'ble Supreme Court of India. Annexure-9
4	A Site-Specific Wildlife Conservation plan duly approved by CWLW shall be prepared and same shall be implemented at the cost of user agency;	<p>Payment of Rs. 110,26,30,000/- has been made in "Ad-hoc CAMPA" vide UTR No.ICICR42024121100000899 dt 11.12.2024.</p> <p>Out of this, Rs 19,47,00,340/-is for WLMP. Payment has been made in accordance with the MoEF&CC guideline dtd 17.06.2022 (2% of the Project Cost) and subsequent demand issued by DFO Chatra (South) vide their Ltr.No.2118 Dtd.25.10.2024 of Rs 19,47,00,340.00.</p> <p>Copy of demand note, acceptance by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-10 & Annexure-11</p> <p>Further Chandragupt Project, CCL undertakes to pay the deficit amount if any in respect of WLMP at the time of Stage-II compliances.</p> <p>Undertaking in this regard is attached as Annexure-12</p> <p>Duly signed Levies format is attached for kind reference as Annexure 22</p>


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5	To mitigate the impact on water of Barki River and other rivulets/nalas, a Catchment area treatment (CAT) plan shall be prepared and implemented at the cost of the user agency.	<p>The Catchment Area Treatment Plan of Chandragupt OCP has been approved by PCCF/HoFF, GoJ vide Office order No.172 dated 28.11.2024.</p> <p>The copy of approval is enclosed as Annexure-13</p> <p>Payment of Rs. 219,42,90,381/- has been made in "Ad-hoc CAMPA" vide UTR No.JCICR42025012700001515 dt 27.01.2025</p> <p>Out of this, Rs 48,05,92000/- is for CAT plan. Payment has been made in accordance with the approved plan and demand issued by DFO Chatra (South) vide Ltr No:2343 dated 29.11.2024 of Rs 37,07,26,000.00 and demand issued by DFO Hazaribagh (West) vide Ltr No:5987 dated 13.12.2024 of Rs 10,98,66,000.00</p> <p>Copy of demand notes, acceptance copy by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-14 & Annexure-15</p> <p>Duly signed Levies format is attached for kind reference as Annexure 22</p>
6	Top Soil Management Plan as recommended by the State shall be prepared and implemented at the cost of the user agency	<p>Top Soil Management plan prepared by CMPDIL. Copy of same is enclosed as Annexure-16</p> <p>Undertaking in this regard is attached as Annexure-17</p>
7	No mining shall be carried within 60 mtrs from the HFL of the Barki River, and green belts as per norms shall be maintained around the other water bodies;	<p>CCL planning of Mine that, no mining will be carried within 60 mtrs from the HFL of the Barki River, and green belts as per norms will be maintained around the other water bodies also.</p> <p>An undertaking in this regard is attached as Annexure-18</p>
8	The State has intimated that the diversion of Chotki river has been recommended by the Chief Engineer (Water Resources Department). In this regard the copy of approval of the same by the competent authority shall be submitted.	<p>A detailed Stream Diversion study of Chotki stream was done by IIT Roorkee, wherein DPR of stream diversion was prepared and submitted to Water Resource Dept. of Jharkhand. The Chief Engineer (Planning and Monitoring), WRD JH recommended for issuance of NoC vide letter No:C.E/645/2022/230 dated 24.04.2023.</p> <p>A detailed Stream Diversion study of Chotki stream was done by IIT Roorkee, wherein DPR of stream diversion was prepared and submitted to Water Resource Dept. of Jharkhand.</p> <p>The Chief Engg. (Planning and Monitoring), Jal Bhawan, Ranchi has recommended for issuance of NoC vide letter no C.E./645/2022/230 dated 25.04.2023.</p> <p>Superintending Engineer, WRD vide letter no. 628 dated 16.07.2024 intimated to PP that "proposal of in-principle approval/NoC for diversion of Chotki Nala at Chandragupt Project is under departmental consideration and any decision regarding the same is subject to the approval of Nala Diversion Guidelines currently under the process of departmental approval".</p> <p>The Standard Operating Procedure-cum-Guidelines issued by the Water Resources Department, Government of Jharkhand Dt.</p>

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		<p>04.10.2024 for diversion of water flow of river, stream, drain or natural water reservoir.</p> <p>Accordingly, Chief Engineer, Project Planning and Monitoring, Water Resource Department, Jharkhand has directed to submit revised proposal to the concerned field Chief Engineer in context of the above mentioned SOP-cum-Guidelines.</p> <p>CCL has submitted the revised proposal to the Chief Engineer, Water Resources Department, Hazaribagh on 01.11.2024 (Annexure-19) and Field inspection also completed on 12.010.2025 and which is presently under approval of Chief Engineer, WRD, Hazaribagh.</p> <p>Further, CCL has submitted an undertaking that the diversion will only be carried out after obtaining the necessary No-Objection Certificate (NoC) from the Water Resource Department of Jharkhand State.</p> <p>An undertaking in this regard is attached as Annexure-20</p>
9	<p>The State will also prepare a human-elephant conflict mitigation plan which will be funded by the User Agency and will take necessary measure to mitigate drivers of negative human-elephant conflicts and paying timely compensations and ex-gratia;</p>	<p>Special arrangement has been made to mitigate human-elephant conflicts. Anti-depredation squad (ADS), ADS vehicle, and monitoring team has been proposed and paying timely compensations and also ex-gratia has been prepared.</p> <p>Apart from habitat management, such as food, water, shelter, awareness, etc., for Human Elephant Conflict (HEC), some relevant recommendation of GAJBANDHU YOJNA of Odisha and Guideline for Management of Human Elephant Conflicts (HEC) (MOEF, 2017) has been incorporated in the Site Specific wildlife Mitigation & management plan, and submitted for competent approval.</p> <p>Meanwhile the Payment of Rs. 110,26,30,000/- has been made in "Ad-hoc CAMPA" vide UTR No. ICICR42024121100000899 dt 11.12.2024. Out of this, Rs 19,47,00,340/- is for WLMP. Payment has been made in accordance with the MoEF&CC guideline dtd 17.06.2022 (2% of the Project Cost) and subsequent demand issued by DFO Chatra (South) vide their Ltr.No.2118 Dtd.25.10.2024 of Rs 19,47,00,340.00.</p> <p>Copy of demand note, acceptance by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-8 & Annexure-9</p> <p>Further Chandragupt Project, CCL undertakes to pay the deficit amount if any in respect of WLMP at the time of Stage-II compliances. Undertaking in this regard is attached as Annexure-21</p> <p>Duly signed Levies format is attached for kind reference as Annexure 22</p>
10	<p>The State Government shall upload the KML files of the area under diversion and the accepted area for raising</p>	<p>To be Complied by State Forest Department</p>

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	compensatory afforestation in the E-green watch portal of FSI, before handing over forest land to the user agency;																																																																			
11	All the funds received from the user agency under the project shall be transferred/deposited in CAMPA account only through e-portal (https://parivesh.nic.in/). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance;	<p>CCL has deposited a total of Rs 110,26,26,699.00 on 11.12.2024 & Rs 219,42,90,381.00 on 27.01.2025 as per the demand of the State Forest Department in Ad-hoc CAMPA account through e-portal (https://parivesh.nic.in/). Payment has been done as follows:</p> <table><tr><th>Sl No</th><th>Particulars</th><th>Demand Raised vide</th><th>Amount Paid (RS)</th><th>UTR No</th><th>Date</th></tr><tr><td>1</td><td>NPV</td><td>DFO, Chatra (South) vide Ltr.No.1129 Dtd.31.05.2024</td><td>49,26,15,446.40</td><td>ICICR42024 1211000008 99</td><td>11.12.2024</td></tr><tr><td></td><td></td><td>DFO, Hazaribagh (West) vide Ltr.No.3331 Dtd.04.06.2024</td><td>36,66,35,828.00</td><td>ICICR42024 1211000008 99</td><td>11.12.2024</td></tr><tr><td>2</td><td>WLCP</td><td>DFO Chatra (South) vide Ltr.No.2118 Dtd.25.10.2024</td><td>19,47,00,340.00</td><td>ICICR42024 1211000008 99</td><td>11.12.2024</td></tr><tr><td>3</td><td>SMC</td><td>DFO Chatra (South) vide Ltr.No.2117 Dtd.25.10.2024</td><td>4,86,75,685.00</td><td>ICICR42024 1211000008 99</td><td>11.12.2024</td></tr><tr><td></td><td></td><td>TOTAL</td><td>1102626699.00</td><td>ICICR42024 1211000008 99</td><td>11.12.2024</td></tr><tr><td></td><td></td><td>DFO, (Chatra south) vide letter No:61 dated 07.01.2025</td><td>82,10,67,915.00</td><td>ICICR42025 0127000015 15</td><td>27.01.2025</td></tr><tr><td>4</td><td>CA</td><td>DFO (Hazaribagh West) vide letter no:216 dated 10.01.2025</td><td>54,51,52,566.00</td><td>ICICR42025 0127000015 15</td><td>27.01.2025</td></tr><tr><td></td><td></td><td>DFO, Chatra South Forest Division vide letter no :81 dated 15.01.2025</td><td>27,73,98,900.00</td><td>ICICR42025 0127000015 15</td><td>27.01.2025</td></tr><tr><td>5</td><td>CAT</td><td>DFO Chatra (South) vide Ltr No:2343 dated 29.11.2024</td><td>37,07,26,000.00</td><td>ICICR42025 0127000015 15</td><td>27.01.2025</td></tr><tr><td></td><td></td><td>DFO Hazaribagh (West) vide Ltr No:5987 dated 13.12.2024</td><td>10,98,66,000.00</td><td>ICICR42025 0127000015 15</td><td>27.01.2025</td></tr></table>	Sl No	Particulars	Demand Raised vide	Amount Paid (RS)	UTR No	Date	1	NPV	DFO, Chatra (South) vide Ltr.No.1129 Dtd.31.05.2024	49,26,15,446.40	ICICR42024 1211000008 99	11.12.2024			DFO, Hazaribagh (West) vide Ltr.No.3331 Dtd.04.06.2024	36,66,35,828.00	ICICR42024 1211000008 99	11.12.2024	2	WLCP	DFO Chatra (South) vide Ltr.No.2118 Dtd.25.10.2024	19,47,00,340.00	ICICR42024 1211000008 99	11.12.2024	3	SMC	DFO Chatra (South) vide Ltr.No.2117 Dtd.25.10.2024	4,86,75,685.00	ICICR42024 1211000008 99	11.12.2024			TOTAL	1102626699.00	ICICR42024 1211000008 99	11.12.2024			DFO, (Chatra south) vide letter No:61 dated 07.01.2025	82,10,67,915.00	ICICR42025 0127000015 15	27.01.2025	4	CA	DFO (Hazaribagh West) vide letter no:216 dated 10.01.2025	54,51,52,566.00	ICICR42025 0127000015 15	27.01.2025			DFO, Chatra South Forest Division vide letter no :81 dated 15.01.2025	27,73,98,900.00	ICICR42025 0127000015 15	27.01.2025	5	CAT	DFO Chatra (South) vide Ltr No:2343 dated 29.11.2024	37,07,26,000.00	ICICR42025 0127000015 15	27.01.2025			DFO Hazaribagh (West) vide Ltr No:5987 dated 13.12.2024	10,98,66,000.00	ICICR42025 0127000015 15	27.01.2025
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		6	De-Siltation	DFO Chatra (South) vide the Ltr.No.2345 Dtd.29.11.2024	2,66,38,000.00	ICICR42025 0127000015 15	27.01.2025
				DFO Hazaribagh (West) vide the Ltr.No.5989 Dtd.13.12.2024	4,34,41,000.00	ICICR42025 0127000015 15	27.01.2025
				TOTAL	219,42,90,381.00	ICICR42025 0127000015 15	27.01.2025
		Total Amount Paid			329,69,17,080.40		
		Copy of AdHoc CAMPA Levies Format is enclosed as Annexure-22					
12	Following activities, as per approved plan / schemes, shall be undertaken in the lease area by the User Agency under the supervision of the State Forest Department. Approved scheme/plan shall be submitted to the Ministry along with compliance of Stage-I approval:	Chandragupt OCP undertakes that the all the activities in the lease area will be carried out as per the approved Mining Plan and report on Soil erosion mitigative measure and Top Soil Management Plan prepared by CMPDIL. Undertaking in this regard and The report of Top Soil Management Plan is enclosed as Annexure-23 & Annexure-24					
i.	Mitigative measures to minimize soil erosion and choking of stream shall be implemented within a period of three year with effect from the issue of Stage II clearance in accordance with the approved Plan in consultation with the State Forest Department;	An undertaking in this regard is attached as Annexure-24(i)					
ii	Planting of adequate drought hardy plant species and sowing of seeds, in the appropriate area within the mining lease to arrest soil erosion in accordance with the approved scheme;	An undertaking in this regard is attached as Annexure-24(ii)					
iii	Construction of check dams, retention / toe walls to arrest sliding down of the excavated material along	An undertaking in this regard is attached as Annexure-24(iii)					

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	the contour in accordance with the approved scheme;	
iv	Stabilize the overburden dumps by appropriate grading/benching, in accordance with the approved scheme, so as to ensure that angles of repose at any given place is less than 280; and	An undertaking in this regard is attached as Annexure-24(iv)
v	No damage shall be caused to the top-soil and the user agency will follow the top soil management plan.	An undertaking in this regard is attached as Annexure-24(v)
12	User agency either himself or through the State Forest Department shall undertake gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests (having crown density less than 0.40), if any, located in the area within 100 meter from outer perimeter of the mining lease. The plan for plantation and SMC activities will be prepared and submitted to MoEF&CC before Stage-II Clearance;	<p>Payment of Rs. 110,26,30,000/- has been made in "Ad-hoc CAMPA" vide UTR No.ICICR4202412110 0008899 dt 11.12.2024.</p> <p>Out of this, Rs 48675085/- is for SMC plan. Payment has been made in accordance with the MoEF&CC guideline dtd 17.06.2022 (0.5% of the Project Cost) and subsequent demand issued by DFO Chattri (South) vide their Ltr.No.2117 Dtd.25.10.2024 of Rs 4,86,75,085.00.</p> <p>Copy of demand note, acceptance by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-25 & Annexure-26</p> <p>Further Chandragupta Project, CCL undertakes to pay the deficit amount if any in respect of SMC at the time of Stage-II compliances.</p> <p>An Undertaking in this regard is attached as Annexure-27</p>
13	Safety Zone Management: Following activities, at project cost, shall be undertaken by the user agency for the management of safety zone as per relevant guidelines issued by the Ministry's guidelines;	
i.	User agency shall ensure demarcation of safety zone (7.5 meter strip all along the inner boundary of the mining lease area), and its fencing, protection and regeneration by erecting adequate number of 6 feet high RCC boundary pillars	<p>Chandragupt OCP undertakes that the Demarcation of safety zone (7.5meter strip all along the inner boundary of the mining lease area), and its fencing, protection and regeneration by erecting adequate number of 6 feet high RCC boundary pillars inscribed with DGPS coordinates with barbed wire fencing and deploying adequate number of watchers under the supervision of the State Forest Department shall be done after transfer of Forest Land.</p> <p>An Undertaking in this regard is attached as Annexure-28</p>

Mukesh Kumar I.F.S
Divisional Forest Officer
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	inscribed with DGPS coordinates with barbed wire fencing and deploying adequate number of watchers under the supervision of the State Forest Department;	
ii.	Boundary of the safety zone of the mining lease, adjacent to habitation/roads, should be properly fenced by the user agency;	Chandragupt OCP undertakes that the proper fencing of the Safety Zone of the mining lease, adjacent to habitation/ roads shall be implemented. Undertaking in this regard is attached as Annexure-29
iii.	Safety zone shall be maintained as green belt around mining lease and to ensure dense canopy in the area, regeneration shall be taken up in this area by the user agency at project cost under the supervision of the State Forest Deptt	Chandragupt OCP undertakes that the Safety zone shall be maintained as green belt around mining lease and to ensure dense canopy in the area, regeneration shall be taken up in this area by the user agency at project cost under the supervision of the State Forest Department. Undertaking in this regard is attached as Annexure-30
iv.	The State Government and the user agency shall ensure that safety zone is maintained as per the prescribed norms;	Chandragupt OCP undertakes that the user agency shall ensure that safety zone is maintained as per the prescribed norms; Undertaking in this regard is attached as Annexure-31
14	The R&R Plan shall be implemented as per the R&R Policy of State Government in consonance with National R&R Policy, Government of India before the commencement of the project work and implementation. The said R&R Plan will be monitored by the State Government/Regional Office of MoEF&CC along with indicators for monitoring and expected observable milestones;	The R&R Plan shall be implemented as per the approved R&R Policy of Coal India Limited. Copy of approved R&R plan enclosed as Annexure-32 Undertaking in this regard attached as Annexure - 33
15	The User Agency shall prepare a list of existing village tanks and other water bodies with GPS co-ordinates located within five km from the mine lease boundary. This list is to be	The De-Siltation Plan of Chandragupt OCP has been approved by PCCF-HoFF GoJ vide Office order No.173 dated 28.11.2024. The approval copy as enclosed as Annexure-34 Payment of Rs. 219,42,90,381/ has been made in "Ad-hoc CAMPA" vide UTR No.ICICR42025012700001515 dt 27.01.2025

PROJECT OFFICER
CHANDRAGUPT OPEN CAST ISE,
AMRAPALI-CHANDRAGUPT AREA, G.O.

Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

	duly verified by the concerned Divisional Forest Officer. The User Agency shall regularly undertake desilting of these village tanks and other water bodies so as to mitigate the impact of siltation of such tanks/water bodies. A detailed approved plan for de-silting of identified ponds and water bodies to be prepared in consultation with forest department and shall be submitted to MoEF& CC before Stage-II approval;	<p>Out of this, Rs 7,00,79,000/- is for SMC plan. Payment has been made in accordance with the approved plan and subsequent demand issued by DFO Chatra (South) vide the Ltr.No.2345 Dtd.29.11.2024, CCL deposited the amount of Rs 2,66,38,000.00 & DFO Hazaribagh (West) vide their Ltr.No.5989 Dtd.13.12.2024, CCL deposited the amount of of Rs 4,34,41,000.00</p> <p>Copy of demand note, acceptance by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-35 & Annexure-36</p> <p>Undertaking in this regard attached as Annexure - 37 Copy of AdHoc CAMPA Levies Format is enclosed as Annexure-22.</p>
16	The user agency shall explore the possibility of translocation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department. Also the trees should be felled in phased manner as per the requirement in the approved Mining Plan with prior permission of concerned DFO;	<p>Agreed Chandragupt OCP undertakes to explore the possibility of translocation of maximum number of trees identified to be felled and shall also ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department. Also, the trees should be felled in phased manner as per the requirement in the approved Mining Plan with prior permission of concerned DFO.</p> <p>Undertaking in this regard is attached as Annexure-38</p>
17	The cost of felling of trees shall be deposited by the User Agency with the State Forest Department;	<p>Agreed. Chandragupt OCP undertakes to deposit the costs associated with tree felling as required by the State Forest Department An Undertaking in this regard is attached Annexure-39</p>
18	The User Agency shall undertake mining in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan as per the approved mining plan shall be executed by the User Agency from the very first year, and an annual report on implementation thereof	<p>Agreed. Chandragupt OCP undertakes that the mining operation and reclamation of mined out area will be done as per the approved Mining Plan/Mine closure Plan.</p> <p>Undertaking in this regard is attached Annexure-40.</p>

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA

Kesh Kumar I.F.S.
Divisional Forest Officer
South Forest Division

	shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, in the concerned State Government and the concerned Regional Office of the Ministry. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the User Agency, the Nodal Officer or the concern Addl. Principle Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities are satisfactorily executed;	
19	The User Agency shall comply with the Hon'ble Supreme Court order on re-grassing, and re-grass the mining area and any other areas which may have been disturbed due to mining to restore them to a condition which is fit for growth of fodder, flora, fauna, etc. in a timely manner;	<p>Agreed. Chandragupt OCP undertakes to comply with the Hon'ble Supreme Court order on re-grassing, and re-grass the mining area and any other areas which may have been disturbed due to mining to restore them to a condition which is fit for growth of fodder, flora, fauna, etc. in a timely manner;</p> <p>An Undertaking in this regard is attached Annexure-41</p>
20	Period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease proposed to be granted under the Mines and Minerals (Development and Regulation) Act, 1957, as amended and the Rules framed there-under	<p>Agreed An Undertaking in this regard is attached Annexure-42</p>
21	The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required;	<p>Environmental Clearance for Chandragupt OCP is granted by MoEF&CC vide File No: IA-J-11015/43/2021-IA-II(M) Dated 02.01.2025. Copy of EC is attached as Annexure-43</p>

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, C.

Mukesh Kumar I.F.S
Divisional Forest Officer
Chitra South Forest Division

22	No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;	Agreed An Undertaking in this regard is attached Annexure-44
23	The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS coordinates;	Agreed Chandragupt OCP Undertakes that the boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS coordinates; An Undertaking in this regard is attached Annexure-45
24	The layout plan of the mining plan/ proposal shall not be changed without the prior approval of the Central Government and the forest land shall not be used for any purpose other than that specified in the proposal;	Agreed An Undertaking in this regard is attached Annexure-46
25	The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government;	Agreed An Undertaking in this regard is attached as Annexure-47
26	No damage to the flora and fauna of the adjoining area shall be caused;	Agreed An Undertaking in this regard is attached as Annexure-48
27	The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to	Agreed An Undertaking in this regard is attached as Annexure-49

PROJECT OFFICER
CHANDRAGUPT OPEN-CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, DC.


Mukesh Kumar I.F.S
Divisional Forest Officer
Chitra South Forest Division

	this project, if any, for the time being in force, as applicable to the project;	
28	The User Agency shall submit the annual self-compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year regularly;	<p>Agreed</p> <p>An Undertaking in this regard is attached as Annexure-50</p>
29	Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife shall be carried with by the State Government and user agency;	<p>Agreed</p> <p>An Undertaking in this regard is attached Annexure-51</p>
30	Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by this Ministry's letter No. 5-2/2017-FC dated 28.03.2019.	<p>Agreed</p> <p>An Undertaking in this regard is attached Annexure-52</p>

You are requested to kindly consider the compliance and forward the proposal.

Thanking you



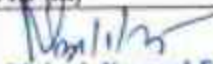
Mukesh Kumar IFS
Joint Forest Officer
Forest Division

Yours Faithfully



Project Officer
Chandragupt OCP
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CC


List of Annexures	
Annexures	Description
Annexure-1	Undertaking for Condition-1(Legal status of the Forest Land shall remain unchanged)
Annexure-2	Corresponding letters to concerned DFO(Hazaribagh&Chatra) reg.Justification for recommending the FC proposal as considering DDFL for CA purpose ailing with latest guidelines issued by MoEF&CC on dt 17.12.2024
Annexure-3	Site Inspection Report by IRO,MoEF&CC,Ranchi dated 08.02.2024
Annexure-4	Demand Note Ltr 61 dated 04.01.2025&Ltr 81 dated 15.01.2025 from DFO Chatra (South) and Demand Note Ltr 216 dated 10.01.2025 from Hazaribagh (West) regarding CA Land
Annexure-5	Payment details of CA Land of Chandragupt OCP.
Annexure-6	Undertaking for condition-2(iii)(reg. to pay the deficit amount, if any, in respect of Compensatory Afforestation from the money already realized by State Forest Dept.)
Annexure-7	Demand Note Ltr 1129dated31.05.2024 from Chatra [South and Demand Note Ltr 3331 dated 04.06.2024 from Hazaribagh (West) regarding NPV
Annexure-8	Payment details of NPV of Chandragupt OCP
Annexure-9	Undertaking for Condition-3(iii) (the user agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India).
Annexure-10	Demand Note Ltr 2118 dated 25.10.2024 from DFO Chatra South regarding SSWLCP
Annexure-11	Payment details of SSWLCP of Chandragupt OCP.
Annexure-12	Undertaking for Condition-4 (Site-Specific Wildlife Conservation plan duly approved by CWLW shall be prepared and same shall be implemented at the cost of user agency)
Annexure-13	Approval copy of CAT Plan
Annexure-14	Demand Note Ltr 2343 dated 29.11.2024 from DFO Chatra South&Demand Ltr S987 dated 13.12.2024 from DFO Hazaribagh West regarding CAT
Annexure-15	Payment details of CAT Plan of Chandragupt OCP.
Annexure-16	Copy of Top Soil Management Plan
Annexure-17	Undertaking condition -6(Top Soil Management Plan as recommended by the State shall be prepared and implemented at the cost of the user agency)
Annexure-18	Undertaking condition-7(No mining shall be carried within 60 mtrs from the HFL of the Barki River, and green belts as per norms shall be maintained around the other water bodies)
Annexure-19	Copy of the request letter to Chief Engineer,WRD,Hazaribagh.
Annexure-20	Undertaking for condition:8regarding that the diversion will be carried after approval of the competent authority only (A & B)
Annexure-21	Undertaking for condition:9(reg.to prepare a human-elephant conflict mitigation plan which will be funded by the User Agency and will take necessary measure to mitigate drivers of negative human-elephant conflicts and paying timely compensations and ex-gratia;
Annexure-22	Copy of AdHoc CAMPA Levies Format
Annexure-23	Undertaking condition no:12
Annexure-24	Copy of the Report of Top Soil Management.
Annexure-24(i)	Undertaking condition no:12 (i)
Annexure-24(ii)	Undertaking condition no:12(ii)
Annexure-24(iii)	Undertaking condition no:12 (iii)




 Mukesh Kumar I.F.S
 Divisional Forest Officer
 Chatra South Forest Division

PROJECT OFFICER
 CHANDRAGUPT OCP AREA
 AMRAPALI CHANDRAGUPT

Annexure-4(iv)	Undertaking condition no:12(iv)
Annexure-4(v)	Undertaking condition no:12(v)
Annexure-25	Demand Note Ltr 2117 dated 25.10.2024 from DFO Chatra South for SMC
Annexure-26	Copy of payment details of receipts
Annexure-27	Undertaking regarding that the plan for plantation and SMC activities will be prepared and submitted to MoEF&CC before Stage-II Clearance;
Annexure-28	Undertaking for condition-13(i)(reg.demarcation of safety zone, its fencing, protection and regeneration)
Annexure-29	Undertaking for condition-13(ii)(reg. fencing of safety zone boundary)
Annexure-30	Undertaking for condition-13(iii)(reg. safety zone shall be maintained as green belt)
Annexure-31	Undertaking for condition-13(iv)(reg. maintaining of Safety zone as per prescribed norms)
Annexure-32	Copy of the approved R&R Policy of CIL
Annexure-33	Undertaking condition:14(reg. The R&R Plan will be monitored by the State Government/Regional Office of MoEF&CC
Annexure-34	Copy of approval of De-siltation Plan
Annexure-35	Demand Note Ltr 2345 dated 29.11.2024 from DFO Chatra South & Demand Ltr 5989 dated 13.12.2024 from DFO Hazaribagh West regarding De-Siltation Plan
Annexure-36	Copy of Payment details of receipts for De-Siltation.
Annexure-37	Undertaking of condition:15(reg. desilting of these village tanks and other water bodies so as to mitigate the impact of siltation of such tanks/water bodies.
Annexure-38	Undertaking for Condition:16(reg.to explore the possibility of translocation of maximum number of trees)
Annexure-39	Undertaking for Condition:17(reg. the cost of felling of trees shall be deposited by the User Agency with the State Forest Department)
Annexure-40	Undertaking for condition:18(reg. Mining in a phased manner after taking due care for reclamation of the mined over area.
Annexure-41	Undertaking for Condition:19(reg.Re-grassing the mining are and any other areas which may have been disturbed due to mining)
Annexure-42	Undertaking for condition-20(reg. period of diversion of forest land)
Annexure-43	Copy of Environmental Clearance to Chandragupt OCP dated:02.01.2025
Annexure-44	Undertaking for condition-22(reg. No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site)
Annexure-45	Undertaking for condition-23(reg. The boundary of the diverted forest land, mining lease and safety zone, as applicable)
Annexure-46	Undertaking for condition-24(reg. layout plan of the mining plan/proposal shall not be changed without the prior approval of the Central Government)
Annexure-47	Undertaking for condition-25(reg. diverted forest land shall not be transferred to any other agency)
Annexure-48	Undertaking for condition-26(reg. Protection of Flora and Fauna)
Annexure-49	Undertaking for Condition-27(reg. Compliance to provision of all Acts, Rules, Regulations& Guidelines)
Annexure-50	Undertaking for Condition-28(reg. Annual Self-Compliance Report)
Annexure-51	Undertaking for Condition-29(reg. Conservation, Protection and Development of Forests &Wildlife)
Annexure-52	Undertaking for Condition-30(reg. Violations of Forest(Conservation)Act,1980.


Mukesh Kumar I.F.S
 Divisional Forest Officer
 Chatra South Forest Division


PROJECT OFFICER
 CHANDRAGUPT OPEN CAST PROJECT
 AVRAPALI-CHANDRAGUPT AREA, CO.

 Coal India Limited A Mini Ratna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-1**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District & Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-1

Chandragupt OCP undertake that *"The legal status of forest land shall remain unchanged."*


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

Annexure-2

Government of India
Ministry of Environment, Forest and Climate Change
(Forest Conservation Division)

Indira Paryavaran Bhawan,
Aliganj, Jor Bagh Road,
New Delhi: 110003
Dated: December, 2024

To

The Addl. Chief Secretaries of Forests/Principal Secretary (Forests),
All States Governments and Union territory Administrations

Sub: Streamlining of the approval process with regards to compensatory afforestation as envisaged in the Van (Sanrakshan Evam Samvardhan) Rules, 2023 as amended on 20.09.2024 – reg.

Madam/Sir,

I am directed to refer to the above subject and to inform that based on the references received from the Ministry of Mines, and Ministry of Coal, the provisions related to raising of compensatory afforestation, as envisaged in the Van (Sanrakshan Evam Samvardhan) Rules, 2023 as amended on 20.09.2024, have been reviewed by the Ministry and after due deliberations, the Central Government, in accordance with the provisions of section 3C of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 hereby issues the following clarifications:

- i. Provisions of Rule 14(1) of the Van (Sanrakshan Evam Samvardhan) Rules, 2023, provides that the non-forest land identified for raising Compensatory Afforestation (CA) is to be notified as Protected Forests before final approval (Stage-II) approval is granted by the Central Government. However, in cases where non-forest land identified for CA has been transferred and mutated in favour of the State Forest Department (SFD), the Central Government may accord final approval keeping in view the fact that provisions of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 become applicable on such lands being entered as forest in government record/record of rights.
- ii. In such cases, referred in para (i) above, the non-forest land forest land proposed for CA, shall be notified as Protected Forest under section 29 of the Indian Forest Act, 1927 or local forest Act before handing over of forest land to the User Agency by the State Government. The Nodal Officer, after notification of such non-forest lands, shall upload a copy of said notification on the PARIVESH portal.
- iii. For the purpose of rule 13(4)(a) of the States or Union territory Administrations, having forest area more than 33% of their total geographical area, concerned State Government/UT Administration may authorise a suitable officer to issue certificate of non-availability of the suitable non-forest land for raising CA.
- iv. As per the provisions of the Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2024, projects of Central Government entities/CPSU and captive coal blocks of the State PSUs are eligible for raising CA over degraded forest land which will be double in extent of the forest land being diverted. Accordingly, the State Government/UT shall not insist for providing non-forest land as CA unless in cases wherein the Central Government

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AZHARULLACHANDRAGUPT AREA, CCL

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chitra South Forest Division

S-2024/03/07

Agencies/CPSUs or State Government PSUs with captive coal blocks are forthcoming to provide non-forest land available with them as CA or the State Government/UT Administration is willing to provide non-forest land on such terms and condition which is agreed by the Central Government Agencies/CPSUs or State Government PSUs in case of captive coal blocks.

- v. With regards to the applicability of the provisions of the Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2024 in respect of proposals of the Central Agencies/PSUs and captive coal blocks of the State PSUs which were granted 'in-principle' approval stipulating CA over non-forest land, the following clarification is given in this regard:

- a. Proposals, which were submitted by the States/UTs before notification of Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2024, along with the proposal of raising CA over degraded forest land (DFL) and were granted 'in-principle' approval stipulating CA over non-forest land (NFL), shall be allowed to submit compliance of 'in-principle' approval along with CA proposal over DFL in lieu of NFL. The Central Government will consider and grant final approval in such cases stipulating CA over DFL.
- b. Proposals, which were submitted by the States/UTs along with CA proposal over non-forest land and were granted 'in-principle' approval stipulating CA over non-forest land (NFL), can also be allowed to submit compliance of 'in-principle' approval along with CA proposal over DFL provided the non-forest land proposed for CA is not transferred and mutated in favour of the State Forest Department. In such cases, the Central Government or its Regional Office, based on the request of the State/UT Government or user agency, shall amend the condition of in-principle approval to raise CA over DFL on a case to case basis and subsequently the User Agency shall submit the compliance of in-principle for the obtaining the 'final' approval.

In view of the above, the State Government and Union territory Administrations are requested to take into consideration the guidelines mentioned hereinabove while considering the proposals submitted under section 2 of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980.

This issues with the approval of the competent authority.

Yours faithfully,

Signed by

Charan Jeet Singh

Date: 17-12-2024 13:56:41

(Charan Jeet Singh)
Scientist 'E'

Copy to:

1. Director, PMO, South Block, New Delhi
2. Secretary, Ministry of Mines /Coal /Steel/ Power/ Railways/ MoRT&H/ Defence/MHA
3. Secretary, Ministry of Defence, Government of India
4. Principal Chief Conservator of Forests & HoFF, All States Governments and Union territory Administrations
5. Dy Director General of Forests (Central) All Regional Offices of the MoEF&CC


Mukesh Kumar J.E.S.
Divisional Forest Officer
South Forest Division
Bhopal





Office of Divisional Forest Officer,
Chatra South Forest Division, Chatra.

E-mail:- dfo-chatrasouth@gov.in Phone:-8987790213



Letter No:- 61

Date:- 02/01/2025

To,

Project Officer,
Chandragupt OCP,
Amrapali- Chandragupt Area,
VTC Bhawan, Honhe, Tandwa, Chatra.

Subject:- Demand letter for depositing levy for CA against 702.29 (593.05+109.24) forest land for Chandragupt Open Cast Mining project in favour of M/s Central Coalfield Limited(CCL).

Ref:- Office order संख्या-01/1040-30/2020-21 दिनांक 08.08.2024 of Additional Principal Chief Conservator of Forest Development, Jharkhand, Ranchi, and Letter no. -08 dated -02.01.2025 of PCCF-Cum-ED, Nodal, Jharkhand, Ranchi, and Your letter no.- GM(AC)/PO(Chandragupt)24-25/293 dated 18.12.2024.

Kindly refer the letter in the reference where in principle approval has been accorded to the captioned project subject to certain conditions.

A. As per condition No.2(i) of the said letter,

The user agency shall provide suitable non-forest land equivalent to the forest land proposed to be diverted for the purpose of compensatory afforestation. The said land shall be transferred and mutated in the name of the forest department and notified as protected forest under the provisions of India forest act, 1927 or the state specific laws:

With reference to the above conditions and as per latest guidelines (letter no-FC-11/158/2024-FC dated-17-12-2024) of MoEF&CC,GOI. Para 5(i) of the said letter states that "Proposals, which were submitted by the States/UTs before notification of Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2024, along with the proposal of raising CA over degraded forest land (DFL) and were granted 'in-principle' approval stipulating CA over non-forest land (NFL), shall be allowed to submit compliance of 'in-principle' approval along with CA proposal over DFL in lieu of NFL. The Central Government will consider and grant final approval in such cases stipulating CA over DFL".

B. In compliance of the above-mentioned condition of stage-I approval and latest guideline of MoEF&CC,GOI a demand note for CA proposed for diversion of forest land 593.05 ha in Chatra South Forest Division of Rs.68,75,81,579.00(Sixty-Eight Crore Seventy-Five Lac Eighty-One Thousand Five Hundred and Seventy-Nine only) and Rs.13,34,86,336.00(Thirteen Crore Thirty- Four Lac Eighty-Six Thousand Three Hundred and Thirty-Six only) for CA proposed for diversion of forest land 109.24 ha comes under Hazaribagh West Division is being raised.

C. Therefore it is requested to deposit the above mentioned amount i.e. Rs.82,10,67,915.00(Eighty-Two Crores Ten Lac Sixty-seven Thousand Nine Hundred and Fifteen only) for Chatra South Forest Division and Hazaribagh West Forest Division in CAMPA Account. The amount should be deposited to CAMPA Fund only through e-portal (<https://parivesh.nic.in>) and copy of challan/receipt shall be sent to this office for records.

Sent for necessary action.

Mukesh Kumar I.F.S

Your faith Divisional Forest Officer
Chatra South Forest Division

Divisional Forest Officer
Chatra South Forest Division, Chatra.

PROJECT OFFICER
CHANDRAGUPT OPEN CAST
AMRAPALI-CHANDRAGUPT AREA



Office of Divisional Forest Officer, Chatra South Forest Division, Chatra.

E-mail:- dfo-chatrasouth@gov.in Phone:- 8987790213



To, Letter No.- 81 Date:- 15-01-2025
Project Officer,
Chandragupt OCP,
Amrapali- Chandragupt Area,
VTC Bhawan, Henhe, Tandwa, Chatra.

Subject:- Demand letter for depositing levy for CA against 209 ha. forest land for Chandragupt Open Cast Mining project in favour of M/s Central Coalfield Limited (CCL).

Ref:- 1. Stage-I/In principle approval for forest Clearance received from MoEF & CC, Dated: 27.05.2024, Office order संख्या-01/सोडवा-30/2020-21 दिनांक 08.08.2024 of Additional Principal Chief Conservator of Forest Development, Jharkhand, Ranchi, and Letter no. -08 dated -02.01.2025 of PCCF-Cum-ED, Nodal, Jharkhand, Ranchi,
2. Divisional Forest Officer, Chatra North Forest Division Letter No. 100 Dated 09.01.2025

Kindly refer the letter in the reference where in principle approval has been accorded to the captioned project subject to certain conditions.

A. As per condition No.2(i) of the said letter.

The user agency shall provide suitable non-forest land equivalent to the forest land proposed to be diverted for the purpose of compensatory afforestation. The said land shall be transferred and mutated in the name of the forest department and notified as protected forest under the provisions of India forest act, 1927 or the state specifies laws.

With reference to the above conditions and as per latest guidelines (letter no-FC-11/158/2024-FC dated-17-12-2024) of MoEF&CC,GOI. Para 5(i) of the said letter states that "Proposals, which were submitted by the States/UTs before notification of Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2024, along with the proposal of raising CA over degraded forest land (DFL) and were granted 'in-principle' approval stipulating CA over non-forest land (NFL), shall be allowed to submit compliance of 'in-principle' approval along with CA proposal over DFL in lieu of NFL. The Central Government will consider and grant final approval in such cases stipulating CA over DFL".

Through reference letter Divisional Forest Officer, Chatra North Forest Division has forwarded Estimate in this division for demand of area 209 ha for Narmaschan PF comes under Huntergunj range.

B. In compliance of the above-mentioned condition of stage-I approval, latest guideline of MoEF&CC,GOI and a letter of DFO North a demand note for CA proposed for diversion of forest land 209 ha in Chatra North Forest Division of Rs. 27,73,98,900.00 (Twenty Seven Crore Seventy-Three Lac Ninety-Eight Thousand Nine Hundred only) comes under Chatra North Division is being raised.

C. Therefore it is requested to deposit the above mentioned amount i.e. Rs. 27,73,98,900.00 (Twenty Seven Crore Seventy-Three Lac Ninety-Eight Thousand Nine Hundred only) for Chatra North Forest Division in CAMPA Account. The amount should be deposited to CAMPA Fund only through e-portal (<https://parivesh.nic.in>) and copy of challan/receipt shall be sent to this office for records.

Sent for necessary action.

Enclosure :- Estimate attached.

Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

Yours faithfully,

Divisional Forest Officer
Chatra South Forest Division, Chatra.

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI CHANDRAGUPT AREA

Pincode

: 825321

Funds Demand Details

1. Compensatory Afforestation	: Rs. 1643619381/-
2. Additional Compensatory Afforestation	: Rs. 0/-
3. Penal Compensatory Afforestation	: Rs. 0/-
4. Catchment Area Treatment	: Rs. 480592000/-
5. Safety Zone	: Rs. 0/-
6. Additional Charges for protected area	: Rs. 0/-
7. Net Present Value (NPV)	: Rs. 0/-
8. DE-SILTATION	: Rs. 70079000/-
9. Other Charges1	: Rs. 0/-
10. Other Charges2	: Rs. 0/-
11. Other Charges3	: Rs. 0/-
Total Amount	: Rs. 2194290381/-

User Agency is requested to make above mentioned payment after generating challan through the system.

(System Administrator)

Mukesh Kumar I.F.S
Divisional Forest Officer
Chitra South Forest Division

*** This is a system generated email, please do not reply. ***

FOR OFFICIAL USE ONLY
JANUARY 2015
JANUARY 2015
JANUARY 2015

Sanjeev Kumar

From : monitoring-ic@nic.in

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

Proposal(OSMF-CP) portal

To : po.chandragupta <po.chandragupta@coalindia.in>

Cc: monitoring-fc@nrlc.in

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below.

Proposal Detail

- | | |
|---|-------------------------|
| 1. Proposal No. | : FP/JH/MIN/140599/2021 |
| 2. Proposal Name | : CHANDRAGUPT OCP |
| 3. Category of the Proposal | : Mining |
| 4. Date of In-principle | : 09/04/2021 |
| 5. Name of the Applicant with Contact Details | |

Name

: CHANDRAGUPT OCP

Mobile No.

: 8987784169

Email ID

po.chandragupta@ccailindia.in

State

: Jharkhand

District

: Chaitra

[illegible]

Munish Kumar IPS
Divisional Forest Officer
Chattri South Forest Division

CHANDLER & COMPANY



Date-27-01-2025

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	21942903 81.00	15072581405 99331	UBIN099 6335	ICICR4202501270 0001515	27-01-2025

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.

This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Ratu Road Ranchi -834001




Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

ICICI Bank Limited
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN.: L65190GJ1994PLC021012


PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
ANBARALL-CHANDRAGUPT AREA, COA
Regd. Office : ICICI Bank Tower,
Near Chakli Circle,
Old Padra Road,
Vadodra 390 007, India.

Annexure 22

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND/SUMMARY OF PAYMENT
Chandragupt OCP (699.38 Ha)

S.N	Column 1	Column 2
1	Name of Regional Office	Integrated Regional office Ranchi
2	State/District/Forest Division to which the proposal relates	Jharkhand/Chatra/Hazaribagh/Chatra South & Hazaribagh West
3	Name of User Agency, Name of Proposal	Central coalfields limited, Chandragupt Opencast Mining Project
4	Nature of Category of Proposal	Mining
5	Proposal No.	FP/JH/MIN/140599/2021
6	Extent of Forest Area involved	699.38 Ha
7	Whether original or extension	Original (land acquired under CBA Act)
8	If the extension of lease, please clarify if proposal involves additional forest area and if so specify	NA
9	Dated of 1st Stage clearance	File No. 8-24 /2023-FC dated 27.05.2024
10	Extent of CAMPA Charges, head wise viz.	
	a) Compensatory afforestation	Rs 164,36,19,381.00
	b) Additional compensatory afforestation	NA
	c) Penal compensatory afforestation	NA
	d) Catchment area treatment	Rs 19,47,00,340.00
	e) De-Siltation Plan	Rs 7,00,79,000.00
	f) Additional charges for diversion of area falling under notified/protected area	Nil
	g) Net present value	Rs. 85,92,51,274.40
	h) any other charges/levies (please specify) Safety Zone+ Forest Produce + Cess + Tax- Penal NPV	NA
	i. Penal NPV	NA
	ii. Soil and Moisture Conservation Plan (SMC) (@ 0.5% of Project Cost)	Rs 4,86,75,085.00
	iii. Wildlife management plan (WLCP) @ 2% of Project Cost	Rs 48,05,92,000.00
	Total =	Rs 329,69,17,080.40
11	If the payment made through challan or otherwise in case of online payment, details of challan	Attached

Sign of User Agency

Sign of DFO (Chatra South)

Sign of DFO (Hazaribagh West)

Sign of Nodal Officer

PROJECT CENTER

CHANDRAGUPT OPEN CAST PROJECT
 ANTRAPALLI-CHANDRAGUPT AREA, CO

Mukesh Kumar I.F.S

Divisional Forest Officer

Chatra South Forest Division

12 Details of deposits						
SL No	Type of Deposit (NPV/CA/W/M P/Others)Specify	Whether (RTGS/DD /NEFT (Specify)	UTR/DD No.	Amount Deposit (Rs.)	Dated of Deposit	Name of Bank from which amount transferred to account of CAF
1	NPV	RTGS	ICICR42024121100000899	83,92,51,274.00	11.12.2024	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
2	WLCP	RTGS	ICICR42024121100000899	19,47,00,340.00	11.12.2024	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
3	SMC	RTGS	ICICR42024121100000899	4,86,75,085.00	11.12.2024	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
4	CA	RTGS	ICICR42025012700001515	164,36,19,381.00	27.01.2025	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
5	CAT	RTGS	ICICR42025012700001515	480,39,2000.00	27.01.2025	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
6	De-Siltation	RTGS	ICICR42025012700001515	7,00,79,000.00	27.01.2025	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027

Sign of User Agency

Sign of DFO (Chitra South)

Sign of DFO (Hazaribagh West)

Sign of Nodal Officer

PROJECT OFFICER

CHANDRAGUPT OPEN CAST PROJECT
ANTRAPALLI-MANDRASUFT AREA, CCL

Mukesh Kumar I.F.S

Divisional Forest Officer
Chitra South Forest Division



Sl No	Particulars	Demand Raised vide	Amount Paid (RS)	UTR No	Date
		DFO, Chitra (South) vide Ltr No. 1129 Dtd. 31.05.2024	49,26,15,446.40	ICICR42024121100000899	11.12.2024
1	NPV	DFO, Hazaribagh (West) vide Ltr No. 3331 Dtd. 04.06.2024	36,66,35,828.00	ICICR42024121100000899	11.12.2024
2	WLCP	DFO Chitra (South) vide Ltr No. 2118 Dtd. 25.10.2024	19,47,00,340.00	ICICR42024121100000899	11.12.2024
3	SMC	DFO Chitra (South) vide Ltr No. 2117 Dtd. 25.10.2024	4,86,75,085.00	ICICR42024121100000899	11.12.2024
		TOTAL	1102626699.00	ICICR42024121100000899	11.12.2024
		DFO, Chitra (South) vide letter No. 61 dated 07.01.2025	82,10,67,915.00	ICICR42025012700001515	27.01.2025
4	CA	DFO (Hazaribagh West) vide letter no. 216 dated 10.01.2025	54,51,52,566.00	ICICR42025012700001515	27.01.2025
		DFO, Chitra South Forest Division vide letter no. 31 dated 15.01.2025	27,73,98,900.00	ICICR42025012700001515	27.01.2025
		DFO Chitra (South) vide Ltr No. 2343 dated 29.11.2024	37,07,26,000.00	ICICR42025012700001515	27.01.2025
5	CAT	DFO Hazaribagh (West) vide Ltr No. 5987 dated 13.12.2024	10,98,66,000.00	ICICR42025012700001515	27.01.2025
		DFO Chitra (South) vide the Ltr No. 2345 Dtd. 29.11.2024	2,66,38,000.00	ICICR42025012700001515	27.01.2025
6	De-Siltation	DFO Hazaribagh (West) vide their Ltr No. 5989 Dtd. 13.12.2024	4,34,41,000.00	ICICR42025012700001515	27.01.2025
		TOTAL	219,42,90,381.00	ICICR42025012700001515	27.01.2025
		Total Amount Paid	329,69,17,090.40		

Sign of User Agency
 PROJECT OFFICER
 CHANDRAGUPTA OPEN CAST PROJECT
 AMRAPUR-CHANDRAGUPTA, JALPAIGURI, COO

Sign of DFO (Chitra South)
 Mukesh Kumar I.F.S.
 Divisional Forest Officer
 Chitra South Forest Division

Sign of Nodal Officer

Sign of DFO (Hazaribagh West)

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-6**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District & Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-2(iii)

Chandragupt OCP undertake that "To pay the deficit amount, if any, in respect of Compensatory Afforestation from the money already realized by State Forest Dept.,".

[Signature]
29/1/25
Project Officer
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

[Signature]
Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division



Office of Divisional Forest Officer,
Chatra South Forest Division, Chatra

E-mail : dfo-chatrasouth@gov.in

Phone : 8987790213

Letter No. 112.9/

Date: 31/05/2024



To,

Project Officer,
Chandragupt OCP,
Amarpali Chandragupt Area, CCL

Subject :- In-s principal (Stage-I) approval of (Central Government under Forest (Conservation) Act 1980 for diversion of 699.34 ha. (400.96 ha. in Chatra South Forest Division and 298.42 ha. in Hazaribagh West Forest Division) of forest land for Chandragupt Open Cast Coal mining project in favour of M/s CCL in Jharkhand- reg.

Ref.- Ministry of Environment, Forest & Climate Change, GoI vide letter no. 8-24/2023 FC dt. 27.05.2024 & your letter no. 234 dated- 29-05-2024.

Sir,

Kindly refer the letter in the reference where in, certain conditions have been stipulated by Ministry of Environment Forest and Climate Change, GoI vide letter no. 8-24/2023-FC dt. 27.05.2024.

A. As per condition No. 3(i),

"The user agency shall transfer the funds towards the cost of net present value (NPV) of the forest land being diverted under this proposal in accordance with the MoEF & CC's guidelines dt. 06.01.2022 read with guidelines dt. 19.01.2022"

It is therefore, the demand for the payment of the NPV is hereby being raised:-

Density of forest proposed for diversion:- 0.6

Eco class :- III

Hence, applicable rate of NPV per ha: Rs. 1228590.00 (Twelve Lakhs Twenty Eight Thousand Five Hundred Ninty Rupees only)

Total for 400.96 Ha: 12,28,590.00 lakh/ha x 400.96 ha. = Rs. 49,26,15,446.40 or 49,26,15,446.00 (Forty nine crore twenty six lac fifteen thousand four hundred forty six only)

Therefore it is requested to deposit the above mentioned amount i.e Rs. 49,26,15,446.00 (Forty nine crore twenty six lac fifteen thousand four hundred forty six only) towards cost of NPV of 400.96 ha. of forest land in CAMPA Account. The amount will be deposited to CAMPA fund only through e-portal (<https://parivesh.nic.in>) and a copy of challan/receipt shall be sent to this office for records.

Sent for necessary action.

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMARPALI CHANDRAGUPT AREA, CCL

Divisional Forest Officer,
Chatra South Forest Division, Chatra.

Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

Mon, Nov 04, 2024 04:48

From : monitoring-fc@nic.in

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

To : po.chandragupta <po.chandragupta@coalindia.in>

Cc : monitoring-fc@nic.in

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below.

Proposal Detail

1. Proposal No. : FP/3H/MIN/140529/2021
 2. Proposal Name : CHANDRAGUPT OCP
 3. Category of the Proposal : Mining
 4. Date of In-principle : 09/04/2021
 5. Name of the Applicant with Contact Details

Name	: CHANDRAGUPT OCP
Mobile No.	: 8987784169
Email ID	: po.chandragupta@coalindia.in
State	: Jharkhand
District	: Chatra
Pincode	: 825321

Funds Demand Details

1. Compensatory Afforestation	: Rs. 0/-
2. Additional Compensatory Afforestation	: Rs. 0/-
3. Penal Compensatory Afforestation	: Rs. 0/-
4. Catchment Area Treatment	: Rs. 0/-
5. Safety Zone	: Rs. 0/-
6. Additional Charges for protected area	: Rs. 0/-
7. Net Present Value (NPV)	: Rs. 859251274/-
8. Wildlife Conservation Plan	: Rs. 194700340/-
9. Soil & Moisture Conservation Plan	: Rs. 48675085/-
10. Other Charges1	: Rs. 0/-
11. Other Charges2	: Rs. 0/-
Total Amount	: Rs. 1102626699/-

User Agency is requested to make above mentioned payment after generating challan through the system.

(System Administrator)


 Mukesh Kumar I.F.S.
 Divisional Forest Officer
 Chitra South Forest Division

*** This is a system generated email, please do not reply. ***

CHANDRAGUPT OCP
 ANDAMAN & NICOBAR ISLANDS, GOVT.



Date-11-12-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	11026266 99.00	15072581405 99645	UBIN099 6335	ICICR4202412110 0000899	11- 12- 202 4

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.

This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Ratu Road Ranchi -834001


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division



PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJEC
ANRAPALI-CHANDRAGUPT AREA, CO.

ICICI Bank Limited
Tower,
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN.: L65190GJ1994PLC021012

Regd. Office : ICICI Bank

Near Chakli Circle,
Old Padra Road,
Vadodara 390 007, India.

 <p>Coal India Limited A Maharatna Company www.coalindia.co</p>	<p align="center">CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p align="center"><i>Annexure-9</i></p>  <p align="center">भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-9

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021


Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-3(ii)

Chandragupt OCP undertake that *"The additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India."*


Mukesh Kumar I.F.S
 Divisional Forest Officer
 Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL



Office of the Divisional Forest Officer,
Chatra South Forest Division, Chatra.
Van Bhavan Chatra



E-mail : dfo-chatrasouth@gov.in Phone : 8987790213

Letter No. 2118 Dated 25/10/2024

To

The Project Officer,
Chandragupt OCP.
Amrapali-Chandragupt Area.

Subject: Charging of an lump sum amount of the project cost towards the cost of implementation of the Wildlife Conservation Plan against 699.38 Ha of Forest Land in respect of Stage-I obtained for mining operations of Chandragupt OCP.

Ref: Your Letter No. GM(A-C)/PO CHANDRAGUPT/FC/2024/271 dated 19.10.2024.

Sir,

Through above mentioned letter, a request has been made that, as per MoEF&CC, GoI Guideline dated 7th June, 2022, in cases where it is not possible for the state to submit the compliance due to delay in preparation and approval of such plan, a lump sum quantum of project cost may be realized from the User Agency and submitted along with the Stage-I compliance.

Accordingly, It has been requested to raise a demand of indicative amount equal to 2% of the project cost for implementation of Wildlife Conservation Plan as mandated under the principle approval of the project. The estimated cost of project has been mentioned to be 973.5017 Crore in part A-1(vii) of part-I.

Therefore, it is requested to deposit the indicative lump sum amount of Rs. 19,47,00,340.00 (2% of the Project Cost) in CAMPA Account for Wildlife Conservation Plan. The amount should be deposited to CAMPAfund only through e-portal (<https://parivesh.nic.in>) against 699.38Ha of Forest Land in favour of Chandragupt OCP along with an undertaking for depositing additional amount, if so determined, as per final approval of the Wildlife Conservation Plan.

Sent for further necessary action.

Yours faithfully

Divisional Forest Officer

Chatra South Forest Division, Chatra.

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

PROJECT OFFICER
CHANDRAGUPT OPEN CAST MINING
AMRAPALI-CHANDRAGUPT AREA, OCL

25/10/2024
25-10-2024

Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

Mon, Nov 04, 2024 06:48

From : monitoring-fc@nic.in

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

To : po.chandragupta <po.chandragupta@coalindia.in>

Cc : monitoring-fc@nic.in

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below.

Proposal Detail

1. Proposal No. : FP/JH/MIN/140599/2021
2. Proposal Name : CHANDRAGUPT OCP
3. Category of the Proposal : Mining
4. Date of In-principle : 09/04/2021

5. Name of the Applicant with Contact Details

Name	: CHANDRAGUPT OCP
Mobile No.	: 8987784169
Email ID	: po.chandragupta@coalindia.in
State	: Jharkhand
District	: Chatra
Pincode	: 835321

Funds Demand Details

1. Compensatory Afforestation : Rs. 0/-
2. Additional Compensatory Afforestation : Rs. 0/-
3. Penal Compensatory Afforestation : Rs. 0/-
4. Catchment Area Treatment : Rs. 0/-
5. Safety Zone : Rs. 0/-
6. Additional Charges for protected area : Rs. 0/-
7. Net Present Value (NPV) : Rs. 859251274/-
8. Wildlife Conservation Plan : Rs. 194700340/-
9. Soil & Moisture Conservation Plan : Rs. 48675085/-
10. Other Charges1 : Rs. 0/-
11. Other Charges2 : Rs. 0/-
- Total Amount : Rs. 1102626699/-

User Agency is requested to make above mentioned payment after generating challan through the system.

(System Administrator)

Mukesh Kumar
Mukesh Kumar LFS
Divisional Forest Officer
Chatra South Forest Division

*** This is a system generated email, please do not reply. ***

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
ANRAPALI-CHANDRAGUPT AREA, CCL



Date-11-12-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	11026266 99.00	15072581405 99645	UBIN099 6335	ICICR4202412110 0000899	11- 12- 202 4

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.

This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Rotu Road Ranchi -834001




CHANDRAGUPT OPEN CAST MINING
AMRAPALI-CHANDRAGUPT AREA, CCL




Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

ICICI Bank Limited
Tower,
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN.: L65190GJ1994PLC021012

Regd. Office : ICICI Bank

Near Chakli Circle,
Old Padra Road,
Vadodara 390 007, India.

 Coal India Limited A Maharatna Company www.coalindia.co	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:


Annexure-12**Proposal No:** - FP/IH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-4

Chandragupt OCP undertake that ***"A Site-Specific Wildlife Conservation plan duly approved by CWLW shall be prepared and same shall be implemented at the cost of user agency"***


Makeish Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project

CCL
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA - CCL

Annexure 22

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND/SUMMARY OF PAYMENT Chandragupt OCP (699.38 Ha)

S.N	Column 1	Column 2
1	Name of Regional Office	Integrated Regional office Ranchi
2	State/District/Forest Division to which the proposal relates	Jharkhand/Chatra&Hazaribagh/Chatra South & Hazaribagh West
3	Name of User Agency, Name of Proposal	Central coalfields limited, Chandragupt Opencast Mining Project
4	Nature of Category of Proposal	Mining
5	Proposal No.	FP/JH/MIN/140599/2021
6	Extent of Forest Area involved	699.38 Ha
7	Whether original or extension	Original (land acquired under CBA Act)
8	If the extension of lease, please clarify if proposal involves additional forest area and if so specify	NA
9	Dated of 1st Stage clearance	File No. 8-24 /2023-FC dated 27.05.2024
10	Extent of CAMPA Charges, head wise viz	
	a) Compensatory afforestation	Rs 164,36,19,381.00
	b) Additional compensatory afforestation	NA
	c) Penal compensatory afforestation	NA
	d) Catchment area treatment	Rs 19,47,00,346.00
	e) De-Siltation Plan	Rs 7,00,79,000.00
	f) Additional charges for diversion of area falling under notified/protected area	Nil
	g) Net present value	Rs. 85,92,51,274.40
	h) any other charges/levies (please specify) Safety Zone+ Forest Produce + Cess + Tax- Penal NPV	NA
	i. Penal NPV	NA
	ii. Soil and Moisture Conservation Plan (SMC) (@ 0.5% of Project Cost)	Rs 4,86,75,085.00
	iii. Wildlife management plan (WLCP) (@2% of Project Cost)	Rs 48,05,92,000.00
	Total =	Rs 329,69,17,086.40
11	If the payment made through challan or otherwise in case of online payment, details of challan	Attached

Sign of User Agency

PROJECT OFFICER

CHANDRAGUPT OPENCAST PROJECT
AFFORESTATION DIVISION

Sign of DFO (Chatra South)

Makesh Kumar I.P.S
Divisional Forest Officer
Chatra South Forest Division

Sign of DFO (Hazaribagh West)

Sign of Nodal Officer

12. Details of deposits							
Sl. No	Type of Deposit (NPV/CA/WM P/Others)Specify	Whether (RTGS/DD /NEFT (Specify)	UTR/DD No.	Amount Deposit (Rs.)	Dated of Deposit	Name of Bank from which amount transferred to account of CAF	Bank Account of CAF managed by CAMPA in which fund deposited.
1	NPV	RTGS	ICICR42024121100000899	85,92,51,274.00	11.12.2024	ICICI Bank Ratu Road Ranchi	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellita Towers, Mission Road, Bengaluru-560027
2	WLCP	RTGS	ICICR42024121100000899	19,47,00,340.00	11.12.2024	ICICI Bank Ratu Road Ranchi	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellita Towers, Mission Road, Bengaluru-560027
3	SMC	RTGS	ICICR42024121100000899	4,86,75,085.00	11.12.2024	ICICI Bank Ratu Road Ranchi	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellita Towers, Mission Road, Bengaluru-560027
4	CA	RTGS	ICICR42025012700001515	164,36,19,381.00	27.01.2025	ICICI Bank Ratu Road Ranchi	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellita Towers, Mission Road, Bengaluru-560027
5	CAT	RTGS	ICICR42025012700001515	48,05,92,000.00	27.01.2025	ICICI Bank Ratu Road Ranchi	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellita Towers, Mission Road, Bengaluru-560027
6	De-Siltation	RTGS	ICICR42025012700001515	7,00,79,000.00	27.01.2025	ICICI Bank Ratu Road Ranchi	CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellita Towers, Mission Road, Bengaluru-560027
Sign of User Agency		Sign of DFO (Hazaribagh West)			Sign of Nodal Officer		


Mukesh Kumar I.F.S.
 Divisional Forest Officer
 Chattr South Forest Division

PROJECT OFFICER
 CHANDRABUPT OPEN CAST PROJECT
 ANTPALGUMMANTS AREA, OCL

Sl No	Particulars	Demand Raised vide	Amount Paid (RS)	UTR No	Date
		DFO, Chitra (South) vide Ltr. No. 1129 Dtd 31.05.2024	49,36,15,446.40	ICICR420241211000008599	11.12.2024
1	NPV	DFO, Hazaribagh (West) vide Ltr. No. 3331 Dtd 04.06.2024	36,66,35,828.00	ICICR420241211000008599	11.12.2024
2	WLCP	DFO Chitra (South) vide Ltr. No. 2118 Dtd 25.10.2024	19,47,00,340.00	ICICR420241211000008599	11.12.2024
3	SMC	DFO Chitra (South) vide Ltr. No. 2117 Dtd 25.10.2024	4,86,75,085.00	ICICR420241211000008599	11.12.2024
		TOTAL	1102626699.00	ICICR420241211000008599	11.12.2024
		DFO, Chitra, south) vide letter No:61 dated 07.01.2025	82,10,67,915.00	ICICR42025012700001515	27.01.2025
4	CA	DFO (Hazaribagh West) vide letter no:216 dated 10.01.2025	54,51,52,566.00	ICICR42025012700001515	27.01.2025
		DFO, Chitra South Forest Division vide letter no :81 dated 15.01.2025	27,73,98,900.00	ICICR42025012700001515	27.01.2025
		DFO Chitra (South) vide Ltr No:2343 dated 29.11.2024	37,07,26,000.00	ICICR42025012700001515	27.01.2025
5	CAT	DFO Hazaribagh (West) vide Ltr No:5987 dated 13.12.2024	10,98,66,000.00	ICICR42025012700001515	27.01.2025
		DFO Chitra (South) vide the Ltr. No. 2345 Dtd 29.11.2024	2,66,38,000.00	ICICR42025012700001515	27.01.2025
6	De-Siltation	DFO Hazaribagh (West) vide their Ltr. No. 5989 Dtd 13.12.2024	4,34,41,000.00	ICICR42025012700001515	27.01.2025
		TOTAL	219,42,90,381.00	ICICR42025012700001515	27.01.2025
		Total Amount Paid	329,69,17,080.40		

Sign of User Agency

Sign of DFO (Hazaribagh South)

Sign of DFO (Hazaribagh West)

Sign of Nodal Officer

PROJECT OFFICER

CHANDRAGUPTA OPEN CAST PROJECT
AMRABAL CHANDRAGUPTA OPEN CAST

Mukesh Kumar I.F.S

Divisional Forest Officer

Chitra South Forest Division



Office of the Principal Chief Conservator of Forests

Van Bhawan, Doranda, Ranchi - 834 002
Email: pccf-jhk@gov.in, Phone No. 0651-2481909

Office order No. 172


dated 25.11.2024

Sanction Order of the Catchment Area Treatment Plan with reference to non-forestry use of 699.38 ha of forest land for Chandragupta Open Cast Mine in favour of M/s Central Coalfields Limited (CCL)

The instant Catchment Area treatment Plan (referred to as "the Plan" here in after) has been submitted by M/s. Central Coalfields Limited (CCL) (referred to as "the User Agency or M/s CCL") in pursuance of the condition number- 5 laid by the MoEF&CC vide letter no. 8-24/2023-FC dated 27.05.2024 for the diversion of 699.34 ha (400.96 ha in Chatra South Forest Division and 298.42 ha in Hazaribagh West Forest Division) of forest land for Chandragupta Open Cast Coal mining project in favour of M/s Central Coalfield Limited (CCL).

Condition no. 5 of Stage-1 approval: "To mitigate the impact on water of Barki river and other rivulets/naals, a Catchment Area Treatment (CAT) Plan shall be prepared and implemented at the cost of the user agency".

2. In compliance of the aforesaid condition laid by MoEF&CC, the User Agency M/s Central Coalfields Limited (CCL) submitted a site-specific Catchment Area Treatment (CAT) Plan for diversion of forest land proposal of Chandragupta Open Cast Mining Project prepared in consultation with the forest officials including DFO, Chatra South and Hazaribagh West Forest Division, the CFs and RCCF, Hazaribagh.
3. In the above stated background, the Regional Chief Conservator of Forests, Ranchi (RCCF, Hazaribagh) vide his letter no. 2014 dated 14.11.2024 submitted the Plan to the office of the undersigned for its consideration for sanction.
4. In order to examine the plan prescriptions a communication was issued to the Regional Chief Conservator of Forests, Ranchi, vide this office letter no. 2850 dated


23.11.2024


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMRAULI-CHANDRAGUPTA AREA, CCL

4.	Livelihood	570.00	210.00	780.00
5.	Monitoring & Study for implementation	165.00	15.00	180.00
6.	Energy saving intervention	600.00	74.50	674.50
7.	Capacity building cost for villagers and staff	384.34	100.00	484.34
	Total	2851.74	845.13	3696.87
	Administrative cost for implementation @10%	285.17	84.51	369.68
	Cost Escalation @ 20%	570.35	169.03	739.38
	Grand Total	3707.26	1098.66	4805.92

10. The Plan with a total financial outlay of Rs. 4805.92 lakh extends over a period of 10 years and shall be utilized by the Forest Department through the DFO, Chatra South and DFO, Hazaribagh West Forest Division in accordance with the Plan prescriptions.

11. Considering the proposals under the plan submitted by the User Agency and recommendation of the concerned forest officers, sanction is hereby accorded to the instant Plan subject to the following conditions:

- (i) That the User Agency shall ensure that its officials/contractors and the work force engaged into mining and allied operations under the Project shall not commit or abet any forest/wildlife offence in their area of operation. They will also promptly report any forest/wildlife offence in the area to the nearest forest office/official. Further, they will extend their full cooperation to the forest officials in control/mitigation of any incident, natural or man-made, detrimental to forest and wildlife in their area of operation.
- (ii) That the total amount of Rs. Rs. 4805.92 lakh (Rupees forty eight crore five lakh and ninety two thousand only) shall be deposited by the User Agency into CAMPA account under the relevant head/sub-head and shall be utilized by the State Forest Department through the DFO, Chatra South and DFO, Hazaribagh West Forest Division as delineated under the Plan,

[Signature]
28.11.2014

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

[Signature]
Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

strictly in accordance with the prevailing norms under the Jharkhand Forest Department.

- (iii) That as regards the funds earmarked against activities to be undertaken by the State Forest Department, DFO, Chatra South and DFO, Hazaribagh West Forest Division shall prepare a detailed Annual Plan of Operations (APO) in the beginning of every financial year in respect of the Instant Plan following all the rules, regulations, Schedule of Rates etc. issued from time to time by the State Government/ Forest Department. Regional Chief Conservator of Forests, Hazaribagh shall supervise & closely monitor the progress of the activities undertaken by DFO, Chatra South and DFO, Hazaribagh West Forest Division respectively as per the approved APO & funds released under CAMPA.
- (iv) That the Conservator of Forests, Hazaribagh and Chatra shall supervise all the activities as per directions issued by the Forest Department from time to time.
- (v) That the DFO, Chatra South and DFO, Hazaribagh West Forest Division shall carry out the activities under the Plan strictly as per the duly sanctioned APO.
- (vi) That both the DFOs shall ensure that no violation of duly sanctioned Working Plan of their Forest Divisions takes place during implementation of any of the activities involved in this plan over notified and demarcated forest land.
- (vii) That the instant Plan is dynamic and be reviewed after 5 years to assess its compatibility with mining and its concurrent reclamation activities and a revised Plan be formulated as per requirement.
- (viii) That though adequate provisions have been made towards cost escalation in the plan viz. increase in wage rate/ material cost etc., yet the User Agency shall submit an undertaking to the DFO, Chatra South and DFO, Hazaribagh West Forest Division to the effect that it will deposit extra cost of the plan beyond the cost escalation provision owing to increase in wage



Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division



rate etc. in due course of time as well as consequent upon revision in the plan, if any, as and when given effect to by the competent authority.

Sd/-
Principal Chief Conservator of Forests,
Jharkhand, Ranchi

Memo No. dated

Copy forwarded to Deputy Director General of Forests (Central), Ministry of Environment, Forest & Climate Change, Integrated Regional Office, Ranchi, Harmu Housing Colony, Ranchi [email: ro.ranchi-mef@gov.in] / Principal Chief Conservator of Forest-cum-Executive Director, Waste Land Development Board, Jharkhand, Ranchi / Additional PCCF, CAMPA along with a copy of the Plan, for information and necessary action.

Sd/-
Principal Chief Conservator of Forests,
Jharkhand, Ranchi


Memo No. 2929 dated 28/11/2024

Copy forwarded to Regional Chief Conservator of Forest, Hazaribagh / Conservator of Forest, Hazaribagh / Chatra / DFO, Chatra South / Hazaribagh West Forest Division for information and necessary action.


Principal Chief Conservator of Forests,
Jharkhand, Ranchi


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL



Office of Divisional Forest Officer,
Chatra South Forest Division, Chatra.

E-mail: dfc-chatrasouth@gov.in Phone: 4987790217



Letter No:- 2343

Date:- 29.11.2024

To,

The General Manager,
Amarpali-Chandragupt Area, Jharkhand, Chatra.

Subject:- Demand letter for depositing levy for implementation of Site-Specific Catchment Area Treatment Plan against non-forestry use of 699.38ha (400.96 ha in Chatra South Forest Division and 298.42 ha in Hazaribagh West Forest Division) of forest land for Chandragupt Open Cast Mining project in favour of M/s Central Coalfield Limited (CCL).

Ref:- Office order No-172 Dated-28.11.2024 of Principal Chief Conservator of Forest, Jharkhand, Ranchi, FNO, 8-24/2023-FC Dated-27.05.2024

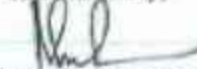
Sir,

Kindly refer the letter in the reference where in principle approval has been accorded to the captioned project subject to certain conditions.

- A. As per condition No.5 of the said letter,
To mitigate the impact on water of Bokri river and other rivulets/streams, a Catchment Area Treatment Plan (CAT) Plan shall be prepared and implemented at the cost of the user agency".
- B. In compliance of the above-mentioned condition of stage-I approval a Site-Specific Catchment Area Treatment Plan was prepared by user agency and submitted before Principal Chief Conservator of Forest, Jharkhand, Ranchi for approval of the same. The said plan has been approved vide office order no-172 dated- 28.11.2024 of PCCE, Jharkhand, Ranchi wherein, a provision Rs 3707.26 Lacs have been made for implementation of the plan against mining activities.
- C. Therefore it is requested to deposit the above mentioned amount i.e Rs. 3707.26 Lacs in CAMPA Account. The amount should be deposited to CAMPA Fund only through e-portal (<https://portal.ecmh.org.in>) and copy of challan/receipt shall be sent to this office for records.

Sent for necessary action.

Yours faithfully,


Divisional Forest Officer,
Chatra South Forest Division, Chatra.


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


29/11/2024

Email

Sanjeev Kumar

Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

From : monitoring-fc@nic.in

Wed, Jan 22, 2025 04:08 PM

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

To : po chandragupta <po.chandragupta@coalindia.in>

Cc : monitoring-fc@nic.in

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below.

Proposal Detail

1. Proposal No. : FP/JH/MIN/140599/2021
2. Proposal Name : CHANDRAGUPT OCP
3. Category of the Proposal : Mining
4. Date of In-principle : 09/04/2021
5. Name of the Applicant with Contact Details

Name	: CHANDRAGUPT OCP
Mobile No.	: 8987784169
Email ID	: po.chandragupta@coalindi a.in
State	: Jharkhand
District	: Chatra


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


CHANDRAGUPTA
PROJECT OFFICER
CHANDRAGUPTA OCP
CHANDRAGUPTA OCP
CHANDRAGUPTA OCP

Annexure-15

Pincode

: 825321

Funds Demand Details

1. Compensatory Afforestation	: Rs. 1643619381/-
2. Additional Compensatory Afforestation	: Rs. 0/-
3. Penal Compensatory Afforestation	: Rs. 0/-
4. Catchment Area Treatment	: Rs. 480592000/-
5. Safety Zone	: Rs. 0/-
6. Additional Charges for protected area	: Rs. 0/-
7. Net Present Value (NPV)	: Rs. 0/-
8. DE-SILTATION	: Rs. 70079000/-
9. Other Charges1	: Rs. 0/-
10. Other Charges2	: Rs. 0/-
11. Other Charges3	: Rs. 0/-
Total Amount	: Rs. 2194290381/-

User Agency is requested to make above mentioned payment after generating challan through the system.

(System Administrator)

*** This is a system generated email, please do not reply. ***

Mukesh Kumar I.F.S
Divisional Forest Officer
Chitragarh Wildlife Division



Date-27-01-2025

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	21942903 81.00	15072581405 99331	UBIN099 6335	ICICR4202501270 0001515	27-01-2025

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.

This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Ratu Road Ranchi -834001


Mukesh Kumar L.F.S
Divisional Forest Officer
Chitra South Forest Division


PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AJIAPALI-CHANDRAGUPT AREA, CO.

ICICI Bank Limited
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN.: L65190GJ1994PLC021012

Regd. Office : ICICI Bank Tower,
Near Chakki Circle,
Old Padra Road,
Vadodra 390 007, India.

Annexure 22

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND/SUMMARY OF PAYMENT
Chandragupt OCP (699.38 Ha)

S.N	Column 1	Column 2
1	Name of Regional Office	Integrated Regional office Ranchi
2	State/District/Forest Division to which the proposal relates	Jharkhand/Chatra&Hazaribagh/Chatra South & Hazaribagh West
3	Name of User Agency, Name of Proposal	Central coalfields limited, Chandragupt Opencast Mining Project
4	Nature of Category of Proposal	Mining
5	Proposal No.	F/P/JH/MIN/140599/2023
6	Extent of Forest Area involved	699.38 Ha
7	Whether original or extension	Original (land acquired under CBA Act)
8	If the extension of lease, please clarify if proposal involves additional forest area and if so specify	NA
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10	Extent of CAMPA Charges, head wise viz.	
	a) Compensatory afforestation	Rs 164,36,19,381.00
	b) Additional compensatory afforestation	NA
	c) Penal compensatory afforestation	NA
	d) Catchment area treatment	Rs 19,47,00,340.00
	e) De-Siltation Plan	Rs 7,00,79,000.00
	f) Additional charges for diversion of area falling under notified/protected area	Nil
	g) Net present value	Rs. 85,92,51,274.40
	h) any other charges/levies (please specify) Safety Zone+ Forest Produce + Cess + Tax- Penal NPV	NA
	i. Penal NPV	NA
	ii. Soil and Moisture Conservation Plan (SMC) (@ 0.5% of Project Cost)	Rs 4,86,75,085.00
	iii. Wildlife management plan (WLCMP)@2% of Project Cost	Rs 48,05,92,000.00
	Total =	Rs 329,69,17,089.40
11	If the payment made through challan or otherwise in case of online payment, details of challan	Attached

 Sign of User Agency
 Sign of DFO (Chatra South)
Mukesh Kumar I.P.S.
 Divisional Forest Officer
 Chatra South Forest Division

Sign of Nodal Officer

Sign of DFO (Hazaribagh West)

Details of deposits						
SL No	Type of Deposit (NPV/CA/WM P/Others)Specify	Whether (RTGS/DD /NEFT (Specify)	UTR/DD No.	Amount Deposit (Rs.)	Dated of Deposit	Name of Bank from which amount transferred to account of CAF
1	NPV	RTGS	ICICR42024121100000899	85,92,51,274.00	11.12.2024	CAF Account Jharkhand (A/C No 1507258140599645) Union Bank of India Branch Jellina Towers, Mission Road, Bengaluru-560027
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4	CA	RTGS	ICICR42025012700001515	164,36,19,381.00	27.01.2025	CAF Account Jharkhand (A/C No 1507258140599645) Union Bank of India Branch Jellina Towers, Mission Road, Bengaluru-560027
5	CAT	RTGS	ICICR42025012700001515	480,59,2000.00	27.01.2025	CAF Account Jharkhand (A/C No 1507258140599645) Union Bank of India Branch Jellina Towers, Mission Road, Bengaluru-560027
6	De-Siltation	RTGS	ICICR42025012700001515	7,00,79,000.00	27.01.2025	CAF Account Jharkhand (A/C No 1507258140599645) Union Bank of India Branch Jellina Towers, Mission Road, Bengaluru-560027
Sign of User Agency		Sign of DFO (Hazaribagh South)		Sign of DFO (Hazaribagh West)		Sign of Nodal Officer

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chitra South Forest Division

PROJECT OFFICER
CHANDRAGUPTA CHEN CASTI PROJECT
AMRAPALUCHANDRAGUPTA A.C.A. O

Sl No	Particulars	Demand Raised vide	Amount Paid (RS)	UTR No.	Date
		DFO, Chattr (South) vide Ltr. No. 1129 Dtd 31.05.2024	49,26,15,446.40	ICICR42024121100000899	11.12.2024
1	NPV	DFO, Hazaribagh (West) vide Ltr. No. 3331 Dtd 04.06.2024.	36,66,35,828.00	ICICR42024121100000899	11.12.2024
2	WLCP	DFO Chattr (South) vide Ltr. No. 2118 Dtd 25.10.2024	19,47,00,340.00	ICICR42024121100000899	11.12.2024
3	SMS	DFO Chattr (South) vide Ltr. No. 2117 Dtd 25.10.2024	4,86,75,083.00	ICICR42024121100000899	11.12.2024
		TOTAL	1102626699.00	ICICR42024121100000899	11.12.2024
		DFO, Chattr (south) vide letter No. 61 dated 07.01.2025	82,10,67,915.00	ICICR42025012700001515	27.01.2025
		DFO (Hazaribagh West) vide letter no. 216 dated 10.01.2025	54,51,52,566.00	ICICR42025012700001515	27.01.2025
4	CA	DFO, Chattr South Forest Division vide letter no. 381 dated 15.01.2025	27,73,98,900.00	ICICR42025012700001515	27.01.2025
		DFO Chattr (South) vide Ltr No. 2343 dated 29.11.2024	37,07,26,000.00	ICICR42025012700001515	27.01.2025
5	CAT	DFO Hazaribagh (West) vide Ltr No. 5987 dated 13.12.2024	10,98,66,000.00	ICICR42025012700001515	27.01.2025
		DFO Chattr (South) vide the Ltr. No. 2345 Dtd 29.11.2024	2,66,38,000.00	ICICR42025012700001515	27.01.2025
6	De-Silication	DFO Hazaribagh (West) vide their Ltr. No. 5989 Dtd. 13.12.2024	4,34,41,000.00	ICICR42025012700001515	27.01.2025
		TOTAL	219,42,90,381.00	ICICR42025012700001515	27.01.2025
		Total Amount Paid	329,69,17,080.40		

Sign of User Agency  Sign of DFO (Chattr South)  Sign of DFO (Hazaribagh West)  Sign of Nodal Officer

CHANDRAKUPT OPEN CAST HILL TOP
 AREA PALCHANDRAKUT AREA CELL

Divisional Forest Officer
 Chattr South Forest Division

Top Soil Management

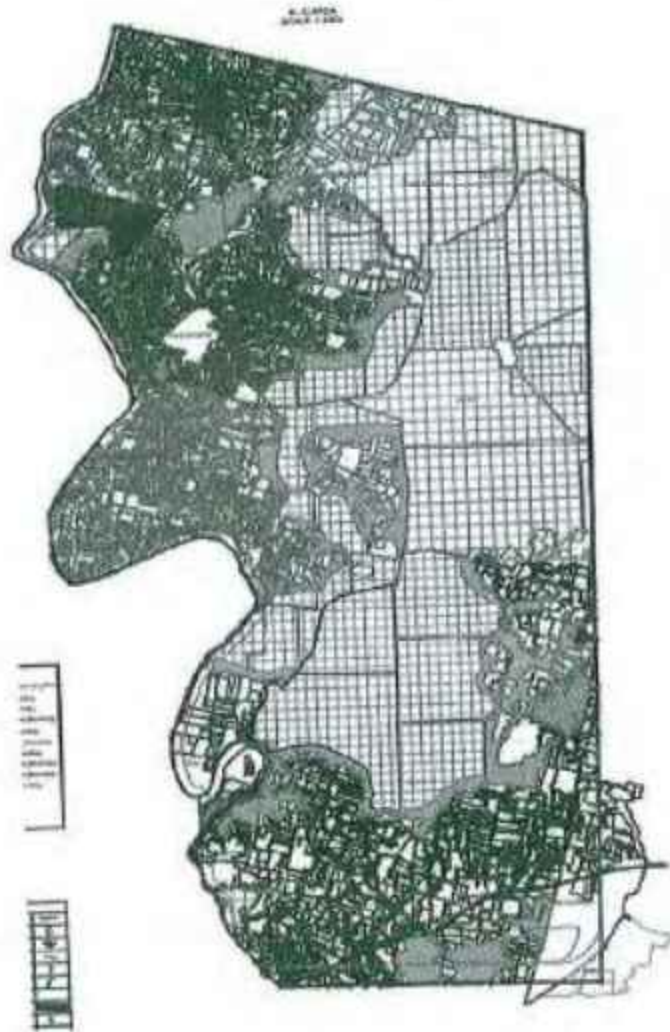
of

Chandragupt OCP

(Normative-15.00/Peak-20.00 MTPA)

Project Area- 1495 Ha

(North Karanpura Coalfields, Dist: Hazaribagh & Chatra
State: Jharkhand)



Mukesh Kumar
Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

July 2024

Central Mine Planning and Design Institute Limited
Gondwana Place, Kanke Road, Ranch

[Signature]
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, O.


Topsoil Management of Chandragupt OCP

1. Project Description:

Chandragupt OCP is a Greenfield opencast coal mining project located in the North Karanpura Coalfields, falling in both Hazaribagh & Chatra districts of Jharkhand. This project is covered in Survey of India Topo-sheet no. 73A/13 and 73E/1, and is bounded between latitude 23°51'30" to 23°54'45" N and longitude 85°01'15" to 85°03'15".

The details of revenue villages falling within the project boundary are as given below:

Sl.No	District	Tehsil	Villages
01	Hazaribagh	Keradari	Badheikhap, Bukru, Chatti-Bariyatu, Jordag, Nawakhap, Pachra/Pachianda, Peto, Sijhua
02	Chatra	Tandwa	Usru

	Node	Latitude	Longitude
	A	23°54'37.00"N	85° 1'36.52"E
	B	23°54'13.98"N	85° 3'11.60"E
	C	23°51'22.45"N	85° 3'11.99"E
	D	23°51'23.49"N	85° 2'5.42"E
	E	23°51'45.80"N	85° 1'50.02"E
	F	23°52'40.52"N	85° 2'3.06"E
	G	23°52'46.74"N	85° 1'24.78"E
	H	23°53'21.39"N	85° 1'39.11"E
	I	23°53'54.10"N	85° 1'15.39"E

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Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

2. Physiology and Drainage

Climate

The climate is tropical with severe summer. The temperature during summer (March-June) goes as high as 45°C. Summer days are hot with dusty wind, but nights are generally pleasant. The minimum summer temperature is 23°C. The winter (November-February) is cold and the minimum temperature recorded is 2 to 3°C. The average annual rainfall in the district is 1225.6 mm. During the monsoon season June to September the district receives about 85% of the annual rainfall. July is the rainiest month with an average rainfall of 315.7 mm.

Topography

The block is characterized by more or less flat terrain with gentle undulations. The maximum elevation of 500m is observed near borehole no CNKP-88 & CNKP-91. The minimum elevation is about 445m on the bank of the Barki River.

Drainage

Barki River flowing from North-South direction forms the principal drainage within the study area. It flows in the North-South direction and touches the western boundary of the ML area. The Chundru River marks the southern boundary of the block whereas Barki River is the western limit of the boundary at 60m. The study area also shows the presence of the Garhi River. The Barki River and Chundru River are the major tributaries of Garhi River. The southerly flowing Garhi River is the master drainage and perennial source of water for the area. The drainage pattern of the area is mostly dendritic in nature, wherein the smaller stream meets the larger at an acute angle.

3. Present Landuse

Chandragupt OCP is a green-field project, and hence core zone mainly consists of forestland, vegetation and agricultural land. No industrial activity observed in the core zone. The detailed land use pattern as per the remote sensing data is as given below.

Table: Landuse Pattern of Study area- Core Zone and Buffer Zone

Area Statistics - Chandragupt OCP (2022)					
Classes		Core Zone	Buffer Zone		
Level-I	Level-II	Area (Ha)	% of Total	Area (Ha)	% of Total
Forest Land	Dense Forest	0.00	0.00	98.90	20.33
	Open Forest	3.41	22.82	81.09	16.90
	Total Forest Land	3.41	22.82	179.99	37.43
Plantation Area	Scrubs	3.21	21.80	69.84	14.66
	Rapid Reforest	0.00	0.00	0.00	0.00
	Plantation on GB	0.00	0.00	0.00	0.00
	Plantation on Back R	0.00	0.00	0.00	0.00
	Total Plantation Area	0.00	0.00	0.00	0.00
Agriculture Land	Crop Land	1.24	8.20	61.08	12.70
	Fallow Land	6.38	42.60	127.00	26.50
	Total Agriculture Land	7.62	50.80	188.08	39.20
Waste Land	Waste Land	0.15	1.00	0.20	0.04
	Sand Beds	0.00	0.00	2.30	0.48
	Total Waste Land	0.15	1.00	2.50	0.52
Mining Area	Coal Quarry	0.00	0.00	1.00	0.20
	Barren Old Dump	0.00	0.00	1.00	0.20
	Back Fill	0.00	0.00	2.50	0.52
	Coal Dump	0.00	0.00	0.50	0.10
	Water Filled Qry	0.00	0.00	0.50	0.10
	Total Mining Area	0.00	0.00	5.50	1.12
Settlements	Urban Settlements	0.10	0.60	0.50	0.10
	Rural Settlements	0.00	0.00	3.00	0.60
	Industrial Settlements	0.00	0.00	0.10	0.02
	Total Settlement Area	0.10	0.60	3.60	0.72
Water Body	River/Pool	0.14	0.90	5.54	1.12
Total Area		14.91	100.00	479.82	100.00


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chattr South Forest Division

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4. Soil Quality Status

Soil samples were collected from three identified locations around the study area during study period to generate primary information on soil quality prevailing in the study area. These samples were collected once during the study period and preserved in polythene bags / Pet jar having lock facility. The parameters tested and methodology adopted are as follows:

Sn	Parameter	Unit	Test Method
1	pH	-	IS:2720 (Part: 26)
2	Water Holding Capacity	%	USDA Method
3	Electrical Conductivity	$\mu\text{S/cm}$	IS: 14767:2000
4	Available Nitrogen	kg/ha	TP/C/4.7
5	Available Phosphorus	kg/ha	TP/C/4.5
6	Available Potassium	kg/ha	TP/C/4.6
7	Sodium absorption ratio (SAR)	-	S.K. Maitli (Volume 2)
8	Available Organic Carbon	%	IS:2720 (PART 22)
9	Cation exchange capacity	meq/100g	TP/C/4.14
10	Specific Gravity	-	IS:2720 (PART 3)
11	Field Capacity	%	S.K. Maitli (Volume 2)
12	Wilting Coefficient	%	S.K. Maitli (Volume 2)
13	Texture	-	IS:2720 (PART 4)
	a) Sand	%	IS:2720 (PART 4)
	b) Silt	%	IS:2720 (PART 4)
	c) Clay	%	IS:2720 (PART 4)

The detailed observation made for soil quality during the study period is below -

Table: Soil Monitoring at Station S1

Location: Bhadai khap Village Agriculture Land (S1)

Sl. No.	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH	6.6	6.2	5.8
2	Elec. Conductivity(μ mhos/cm)	324.6	298.7	267.5
3	Nitrogen Av.(kg/ha)	422.7	378.0	268.6
4	Phosphorous Av. P2O5 (kg/ha)	16.3	11.5	8.7
5	Potash Av.(kg/ha)	286.5	241.2	179.1
6	Organic Carbon (%)	0.62	0.51	0.34
7	Specific Gravity (%)	2.3	2.4	2.5
8	SAR (meq/l)	1.08	1.1	1.06
9	WHC (%)	34.6	28.9	25.6
10	Field capacity (%)	14.2	15.9	16.2

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chitra South Forest Division

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11	Wilting Coefficient	0.72	0.67	0.54
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	SandyLoam
B	Sand(%)	57.2	55.7	59.1
C	Silt(%)	26.4	32.0	31.6
D	Clay(%)	16.4	12.3	9.3
13	Cation Exchange Capacity (meq/100g)	31.4	29.2	30.5

Table: Soil Monitoring at Station S2

Location: Bhadal khap Village Barren Land (S2)

Sn	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH (1:5)	6.1	5.8	5.5
2	Elec. Conductivity (μ mhos/cm)	307.2	359.7	326.2
3	Nitrogen Av.(kg/ha)	274.1	231.0	144.6
4	Phosphorous Av. P ₂ O ₅ (kg/ha)	7.1	5.2	3.8
5	Potash Av.(kg/ha)	193.6	147.7	124.0
6	Organic Carbon (%)	0.31	0.21	0.10
7	Specific Gravity (gm/cc)	2.4	2.5	2.5
8	SAR (meq/l)	1.2	1.3	1.2
9	Water holding Capacity (%)	18.7	19.6	26.5
10	Field capacity (%)	8.6	7.8	6.8
11	Wilting Coefficient	0.60	0.57	0.48
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	Sandy loam
B	Sand(%)	58.3	59.4	61.2
C	Silt(%)	31.9	32.8	32.4
D	Clay(%)	9.7	7.8	6.4
13	Cation Exchange Capacity (meq/100g)	20.7	18.1	16.1



Mukesh Kumar I.
Divisional Forest Of
Chitra South Forest D

Table: Soil Monitoring at Station S3

Location: Bukru Village Forest Land (S3)

Sl. No.	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH	6.3	6.4	6.1
2	Elec. Conductivity (μ mhos/cm)	271.3	297.6	262.1
3	Nitrogen Av.(kg/ha)	308.4	273.2	196.3
4	Phosphorous Av. P ₂ O ₅ (kg/ha)	10.4	8.6	6.3
5	Potash Av.(kg/ha)	282.5	210.5	186.2
6	Organic Carbon (%)	0.52	0.38	0.27

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7	Specific Gravity (%)	2.3	2.2	2.3
8	SAR (meq/l)	1.1	1.1	1.0
9	WHC (%)	29.6	28.6	25.7
10	Field capacity (%)	12.3	14.3	12.8
11	Wilting Coefficient	0.66	0.65	0.54
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	Sandy loam
B	Sand(%)	57.2	59.4	58.4
C	Silt(%)	30.0	30.9	35.1
D	Clay(%)	12.7	9.6	6.4
13	Cation Exchange Capacity (meq/100g)	29.2	25.5	21.9

Table showing Soil Classification

Soil Test	Classification
pH	<4.5 Extremely acidic 4.51-5.50 Very Strongly Acidic 5.51-6.0 Moderately Acidic 6.01-6.50 Slightly Acidic 6.51-7.30 Neutral 7.31-7.80 Slightly Alkaline 7.81-8.50 Moderately Alkaline 8.51-9.0 Strongly Alkaline 9.01 Very Strongly Alkaline
Salinity Electrical Conductivity (mmhos/cm) (1ppm = 640 mmho/cm)	Up to 1.00 Average 1.01-2.00 harmful to germination 2.01-3.00 harmful to crops (sensitive to salts)
Nitrogen (kg/ha)	Upto 50 very Less 51-100 Less 101-150 Good 151-300 Better >300 sufficient
Phosphorous (kg/ha)	Upto 15 Very Less 16-30 Less 31-50 Medium, 51-65 on an Average Sufficient 66-80 Sufficient >80 more than Sufficient
Potassium (kg/ha)	0-120 very less 120-180 less 181-240 medium 241-300 average 301-360 better >360 more than sufficient


Mukesh Kumar I.F.S
Divisional Forest Officer
Chattri South Forest Division

Source Handbook of Agriculture, Indian Council of Agricultural Research, New Delhi *

Rating chart for the soil test data for Organic Carbon

Soil Parameters	Low	Medium	High
Organic Carbon	< 0.50 %	0.50 - 0.75%	> 0.75%

Source: Text Book of Soil Science by R. K. Mehra

Table: Soil Observation & Classification as per ICAR Soil Classification Standard and rating chart for the soil test data for Organic Carbon

Location	Depth (cm)	pH	Organic Carbon (%)	Available Nitrogen	Available Phosphorus	Available Potassium
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Bhadai Khap Village Agriculture Land (S1)	0-30	Neutral	Medium	Sufficient	Less	Average
	30-60	Slightly Acidic	Medium	Sufficient	Very Less	Average
	60-90	Neutral	Low	Better	Very Less	Less
Bhadai Khap Village Barren Land (S2)	0-30	Slightly Acidic	Low	Better	Very Less	Medium
	30-60	Moderately Acidic	Low	Better	Very Less	Less
	60-90	Very Strongly Acidic	Low	Good	Very Less	Less
Bukru Village Forest Land (S3)	0-30	Slightly Acidic	Medium	Sufficient	Very Less	Average
	30-60	Slightly Acidic	Low	Better	Very Less	Medium
	60-90	Slightly Acidic	Low	Better	Very Less	Medium

Essential parameters which determine the fertility of the soil are:

pH: The soil pH varies from very strongly acidic to neutral in nature;

Nitrogen: The nitrogen content in the Forest Land (S1) and Agricultural Land (S2) is observed to be in sufficient and better category at all sampling depth whereas in barren land nitrogen varies from good to better.

Phosphorus: The phosphorus content in the Agricultural Land (S1), Barren Land (S2) and Forest Land (S3) is observed to be in less to less category; and

Potassium: The potassium content in the study varies from less to average.

Since the PK values are less in most areas, fertilizer supplements will be required for increasing the agricultural productions.

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Mukesh Kumar I.F.S
Divisional Forest Officer
Chattr South Forest Division

5. Topsoil Management

5.1 Introduction

Topsoil is that uppermost layer of soil capable of growing and supporting vegetation. Topsoil contains the essential microorganisms, nutrients, organic matter, and physical characteristics necessary to grow and sustain permanent vegetation.

The salvaging, stockpiling and re-application of topsoil to be used as growth medium in the reclamation of Internal & External overburden dumps within the mining area is a major environment protection programme. Soil management in opencast mine is necessary to re-establish the stability & productivity of land disturbed due to mining activity.

Two factors influence how topsoil performs as a growth medium. One is the quality of the topsoil and other is the depth of the topsoil. The higher the quality of the topsoil and the greater the depth in relation to the root zone, the better the soil will support healthy plant growth and encourage infiltration.

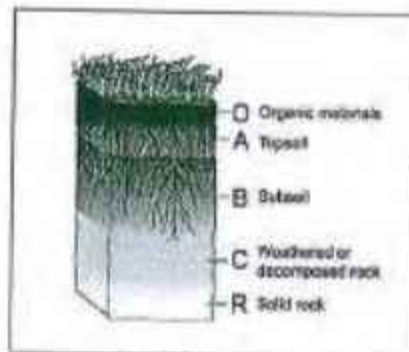
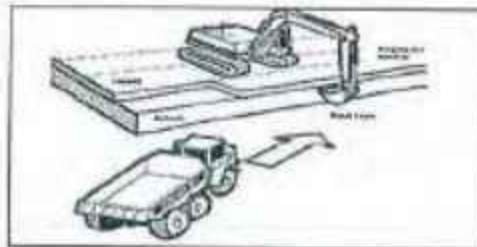


Fig :- Soil Profile

The factors influence the characteristics of topsoil are climate, vegetation and organic matter, topography and physiography, mineralogical constituents, surface processes, biological activity and human activity.

5.2 Stripping of Top Soil

Top soil should be stripped only from the area which will be disturbed by Excavation, filling, Infrastructure etc. Approx. 30 cm of top soil is stripped depending upon the soil profile at site. Depth of stripping is determined by taking soil core at several locations.



5.3 Details of Topsoil generation from Chandragupt OCP

Total top soil to be generated is approximately 3.90 MCum and this total volume of top soil will be utilized for concurrent biological reclamation of Internal dumps, Embankment and Green belt.

The top soil staked in an area of about 22.48 Ha in initial 15 years upto maximum height of 8m in 3 deck having slope 2H:1V which will be kept in Usru Village on Non-Forest land. Afterward as the mine developed the top soil is directly applied on the area to be reclaimed.

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

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Top soil so generated will be utilized in embankment, spreading over backfill area and in Green Belt Area. Details are given in below table.

Year/Stage	Top Soil Removal Plan (Mcum)	Top Soil Used (Mcum)			Total Utilize
		Spreading Over Embankment	Spreading Over Backfill Area	Used in Green Belt Area	
Y-1	0.13	0.10	0.00	0.03	0.13
Y-3	0.52	0.10	0.02	0.06	0.18
Y-5	0.88	0.10	0.07	0.06	0.23
Y-10	1.57	0.10	0.17	0.06	0.34
Y-15	2.25	0.10	0.25	0.08	0.43
Y-20	2.75	0.10	1.32	0.08	1.51
Y-25	3.11	0.10	1.32	0.08	1.51
Y-30	3.47	0.10	2.84	0.08	3.02
Y-35	3.86	0.10	3.09	0.08	3.27
Y-41	3.90	0.10	3.72	0.08	3.90
Post Closure					
Y-44	3.90	0.10	3.72	0.08	3.90

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Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

5.3 Site location

The site should be flat and established proper erosion and sediment control structure such as diversion, berms, dikes, waterways and sediment basin.

Immediately prior to spreading the top soil, loosen the subgrade by disking or scarifying to a depth of at least 100 millimeters to ensure bonding of the topsoil and subsoil.

If sufficient topsoil is available, a minimum compacted depth of a half meter on 3:1 slopes and one meter on flatter slopes is suggested.

Compact the topsoil enough to ensure good contact with the underlying soil, but avoid excessive compaction, as it increases runoff and inhibits seed germination. Light packing with a roller is recommended where turf is to be established.

5.4 Stockpiling

Top Soil will be stacked on the flat horizontal area and where there is no natural drainage. Sediment barrier is provided to retain sediment.

Temporary seeding - protect topsoil stockpiles by temporarily seeding as soon as possible, within 30 days after the formation of the stockpile.

Permanent vegetation - If stockpiles will not be used within 12 months they should be stabilized with permanent vegetation to control erosion and weeds.

As the mine pits expand, there will be more opportunity to strip top soil and apply it directly to area to be reclaimed, thus avoiding topsoil stockpiling. Freshly stripped and placed topsoil retains more viable seed, micro-organisms and nutrients than stockpiled soil. Vegetation establishment is generally improved by the direct return of topsoil and is considered 'best practice' topsoil management.

5.5 Maintenance and inspection

Periodic inspection and maintenance will be required. Make any repairs necessary to ensure the measure is operating properly. Repair and reseed if necessary to control erosion and loss of topsoil. This periodic maintenance procedure applies to either temporary soil stabilization or permanent seeding application


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CHANDRADUPT OPEN CAST PROJECT
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Mukesh Kumar I.F.S
Divisional Forest Officer
Chitra South Forest Division

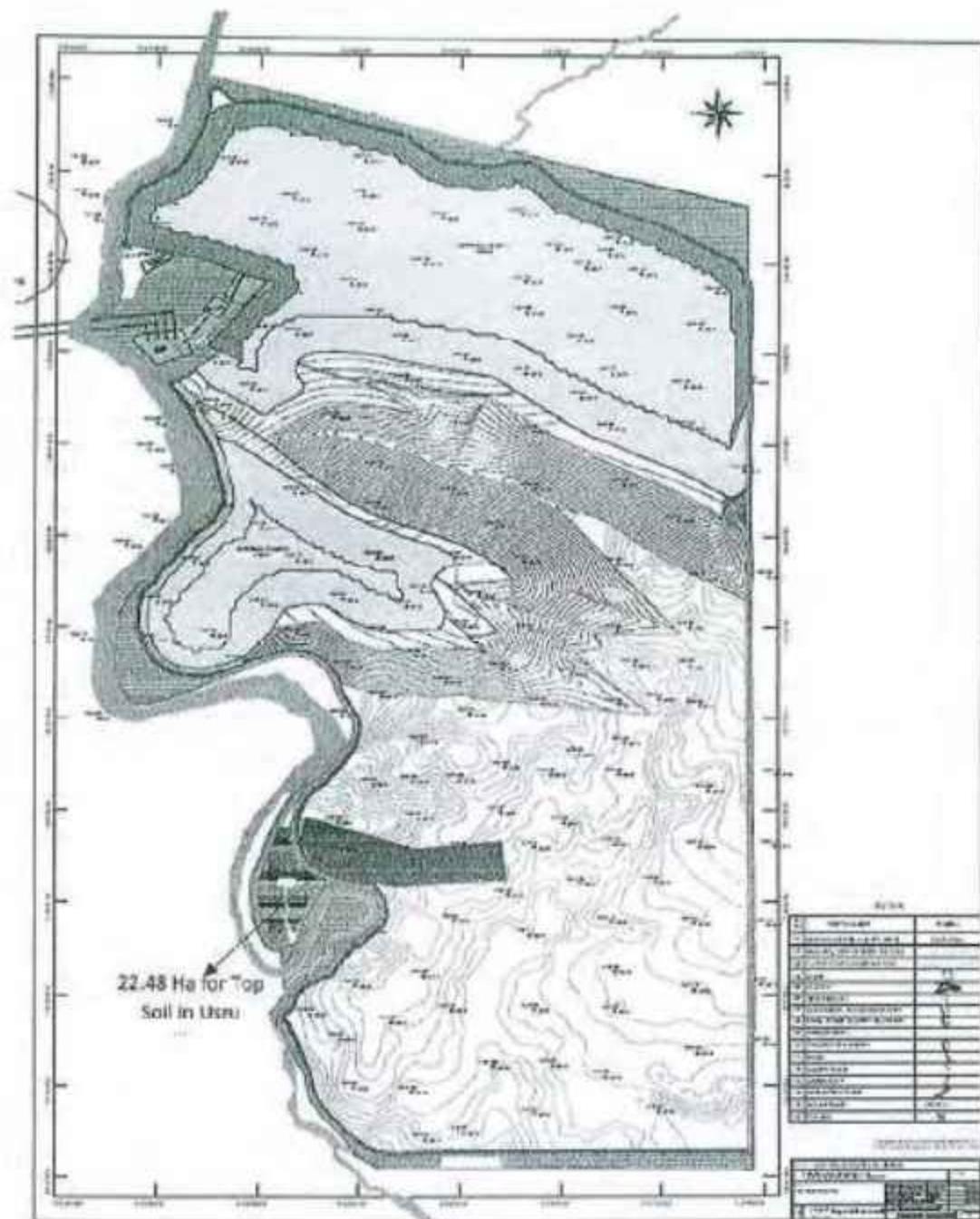


Fig: Proposed Working Plan of Chandragupt OCP showing Location of Topsoil Dump

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Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

5.6 Topsoil Conservation with Grass and Shrub Species

The main objectives of topsoil conservation is to minimize soil erosion from wind and water runoff, enhance soil

Grass Species Selection:

1. Choose a mix of native grass species suitable for climate, soil type, and rainfall. Here are some options based on their characteristics:
 - **Fast Establishment:** Doob Grass (*Cynodon dactylon*)
 - **Erosion Control on Slopes:** Vetiver Grass (*Chrysopogon zizanioides*)
 - **Drought Tolerance:** *Dichanthium annulatum* (Ditch Pal Grass)
2. A mix of these will be most suitable combination.
3. **Planting Techniques:**
4. Sow the grass seeds directly onto the prepared seedbed following the recommended seeding rate for each species.
5. Lightly rake the seeds into the soil to ensure good seed-to-soil contact.
6. Apply a thin layer of mulch (straw, hay) to retain moisture and suppress weed growth.

S.N.	Name of Species	Common Name	Family Name	Habitat	Purpose
1	<i>Cynodon dactylon</i>	Doob Grass	Poaceae	Grass	Doob grass is a fast-growing, low-growing perennial grass that forms a dense mat, which helps prevent soil erosion. It's well-adapted to various soil conditions and tolerates moderate foot traffic.
2	<i>Cynodactylon patens</i>	Lemon Grass	Poaceae	Grass	Its root system can provide some limited stabilization, and it grows relatively quickly.
3	<i>Saccharum spontaneum</i>	Wild sugarcane	Poaceae	Grass	This tall grass grows in large clumps and is native and drought resilient.
4	<i>Cenchrus pedicellatus</i>	Deenmath Grass	Poaceae	Grass	This Grass is a many-branched leafy annual grass up to 1 m tall which will help in wind erosion and control erosion of soil.
	<i>Dichanthium annulatum</i>	Ditch Pal grass	Poaceae	Perennial grass	This is a perennial grass, up to about 25 cm tall and will be suitable for soil erosion control.
	<i>Chrysopogon zizanioides</i>	Vetiver grass	Poaceae	perennial grass	Vetiver grass (<i>Chrysopogon zizanioides</i>) is an exception with its thin fibrous roots penetrating vertically up to 3-4 m (Hollin & Haigh, 2002), thus, this grass is an agent of both erosion reduction and ensuring slope stability against shallow landslides

Mukesh Kumar

Mukesh Kumar I.F.S
Divisional Forest Officer
Chattr South Forest Division

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	<i>Axonopus compressus</i>	Creep Grass	Poaceae	Grass	As a covering mat, it can control erosion and provide some protection against infestation by more noxious weeds.
5	<i>Dodonaea viscosa</i>	Hop bush	Sapindaceae	Shrub	These are all shrubs species, which will offer wind protection to soil
6	<i>Clerodendrum infortunatum</i>	Hill glory bower	Lamiaceae	Perennial Shrub	
7	<i>Woodfordia fruticosa</i>	Fire flame bush	Lythraceae	Shrub	
8	<i>Clerodendrum phlomoides</i>	Sage Glory Bower	Lamiaceae	Shrub	
9	<i>Vitex negundo</i>	Chaste tree	Lamiaceae	Shrub	

Additional Considerations:

- **Slope Stabilization:** For steeper slopes, consider additional erosion control measures like jute mats or wattles alongside the grass cover.
- **Long-Term Seeding:** If long-term cover is desired, consider incorporating slow-growing, native bunchgrasses alongside the fast-establishing species for a more diverse and sustainable solution.
- **Post-Seeding Activities:** Once the topsoil is stabilized, plan for future land use. This could involve planting trees, shrubs, or crops suited for the revitalized soil.

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AMRAPALI-CHANDRAGUPT AREA, CCL

Mukesh Kumar I.F.S
Divisional Forest Officer
Chetra South Forest Division

 <p>Coal India Limited A Maharatna Company www.coalindia.co</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p style="text-align: right;"><i>Annexure-17</i></p>  <p style="text-align: center;">भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-17

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021


Project Name: Chandragupt Open Cast Project (699.38 Ha)


Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-6

Chandragupt OCP undertake that "Top Soil Management Plan as recommended by the State shall be prepared and implemented at the cost of the user agency"


 Mukesh Kumar I.F.S
 Divisional Forest Officer
 Chatra South Forest Division


 Project Officer
 Chandragupt Open Cast Project
 CCB
 PROJECT OFFICER
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL

 <p>Coal India Limited A Mahanadi Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:


Annexure-18**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-7

Chandragupt OCP undertake that *"No mining shall be carried within 60 mtrs from HFL of the Barki River and green belts as per norms shall be maintained around the other water bodies)"*


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
(CCLEST OFFICER)
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, (C)

**CCL***Fuelling Sustainable Growth*
CENTRAL COALFIELDS LTD.**सेन्ट्रल कोलफील्ड्स लिमिटेड**

(भारत सरकार का एक उपक्रम / कोल इंडिया लि. की एक अनुषंगी कंपनी)

पंजीकृत कार्यालय : दरभंगा हाउस, सैवी ए-34 001 (झारखण्ड)

CIN: U10300JH1959COH000581

AMRAPALI & CHANDRAGUPTA AREA

फ़ोन: (0651) 2365605, 2360479; ईमेल: gmfrst.ccl@coalindia.in

वेबसाइट: www.centralcoalfields.in

Ref No.: GM(A-C)/PO Chandragupt/NOC/2024-25/277-

Date: 01/11/2024

To

The Chief Engineer,
Water Resource Department,
Hazaribagh.**Sub: Request for In-Principal Approval/NoC for diversion of Chotki Nala at Chandragupt Project under CCL-Reg.**

- Ref: 1. Your Letter No.: 2/PMC/ विविध/1041/2022/916 dated 28.10.2024.
2. Our Letter No: CCL/DTO/WRD/Chandragupta/2024-25/119 dated 24.06.2024.
3. Our Letter No: GM(Co-Ordination)/Chandragupt/2022-23/31 dated 21.10.2022.

Dear Sir,

This is to bring your kind knowledge that as advised by your good office, the detailed project report for diversion of Chotki Nala has been prepared by IIT, Roorkee and submitted the vide letter No: 22-23/31 dated 21.10.2022, further, as per instructions of your office the team had inspected the site and given their opinion for the proposed nala diversion.

Accordingly Chief Engineer, Design (Planing & Hydrology), Ranchi and water Resources, Jalbhawan, Ranchi also given their opinion for the nala diversion in respect of Chandragupt Project.

Meanwhile, examining the environmental clearance (EC) for this project, MoEF&CC, New Delhi has raised ADS/EDS on 15.03.2024 one of the conditions for compliance stipulated in the ADS/EDS is to take approval/NoC from the concerned state authority for diversion of Chotki Nala falling within the lease of Chandragupt OCP.

Further it is mentioned that the Proposal is pending due to Standard Operating Procedure-cum-Guideline from the state water resources department, finally the SOP-cum-Guidelines issued and informed us under the reference letter No: 2/PMC/ विविध/1041/2022/916 dated 28.10.2024.

Chandragupt OCP has followed the Standard Operating Procedure-cum-Guideline and completed the application for diversion Chotki nala with all respects under the SOP.

Makesh Kumar I.F.S.
Makesh Kumar I.F.S
Divisional Forest Officer
Chitra South Forest Division

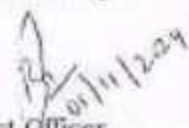
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

In view of the above, it is hereby kindly requested to kindly consider the subject proposal and accord in principal approval/NoC for diversion of Chatki Nala at Chandragupt OCP so that the submission of compliance of Environmental Clearance in respect of Chandragupt OCP is done at the earliest.


Anticipating the kind consideration from your good office.

With best regards.



Yours faithfully


Project Officer,
Chandragupt Project
Amrapali- Chandragupt Area
Central Coalfields Limited

- Annexures: 1) Approval copy of Mining Plan
2) Sec-11 Under CBA(A&D) ,act, 1957 for Land Acquisition.
3) DPR from IIT,Roorkee
4) ADS/EDS copy issued by MoEF&CC,New Delhi


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-20**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-8

Chandragupt OCP undertake that *"The Chotki Stream shall be diverted after getting approval of competent Authority only"*

Project Officer
Chandragupt Open Cast Project

CCL
AMRAPALI-CHANDRAGUPT AREA, JH

Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division



झारखण्ड सरकार
Government of Jharkhand

मुख्य अभियंता का कार्यालय
रूपांकण, शमश्र योजना एवं जल विज्ञान
(जल संसाधन विभाग)
जल भवन, कमरा सं-203,
होरण्डा, राँची- 834002
e-mail - cedesign-wrd-jhr@nic.in

पत्रांक :-

/राँची, दिनांक :-

प्रेषक,

मो० जमील अख्तर,
मुख्य अभियंता

सेवा में,

मुख्य अभियंता,
योजना मॉनिटरिंग एवं आयोजन,
जल संसाधन विभाग,
झारखण्ड राँची।

विषय:-

Diversion of Chotki River and Straightening of Barki River- Passing through Chandragupt Coal Mine Lease hold area के संबंध में।

प्रसंग:-

- i. मुख्य अभियंता, जल संसाधन विभाग, हजारीबाग का पत्रांक :- 158 दिनांक :- 11.02.2025
- ii. विभागीय संकल्प झापांक- 446, दिनांक 04.10.2024

महाराज,

उपर्युक्त विषयक प्रासंगिक पत्रों के संदर्भ में सूचित करना है कि विभागीय संकल्प झापांक-446, दिनांक 04.10.2024 नाला के Diversion (पधांतरण) हेतु Standard Operation Procedure-cum-Guidelines की कंडिका 6 A (c) के संदर्भ में मुख्य अभियंता, जल संसाधन विभाग, हजारीबाग का पत्रांक :- 158 दिनांक :- 11.02.2025 से प्रस्ताव पर NOC की अनुशंसा की गई है। क्षेत्रीय स्तर से प्राप्त प्रतिवेदन में Diversion Proposal को Site Conditions के अनुरूप पाया गया है एवं NOC की अनुशंसा की गई है जिसकी छायाप्रति इस पत्र के साथ संलग्न है।

अतः उपरोक्त अनुशंसा एवं आवेदक द्वारा समर्पित DPR के पृष्ठ संख्या- 98 (6 Conclusion and recommendation) के संदर्भित अंश "Diversion of the Chotki river and the straightening of meander of the Barki river would not affect the flow downstream of the Chainage 375 m. Thus, any structure on the Barki river or Chunro river would not be affected with proposed diversion." के आलोक में विषयक प्रस्ताव की अनुशंसा की जाती है।

यह आपके सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

अनु०- यथोक्त।

विश्वासभाजन

हो/-

(मो० जमील अख्तर)
मुख्य अभियंता

झापांक- 206

/राँची, दिनांक- 25.02.25

प्रतिलिपि- परियोजना पदाधिकारी, चन्द्रगुप्त ओपन कास्ट प्रोजेक्ट, आन्नपाली-चन्द्रगुप्त क्षेत्र सी०सी०एल० को सूचनार्थ प्रेषित।

(मो० जमील अख्तर)

मुख्य अभियंता

मुख्य अभियंता का कार्यालय,
जल संसाधन विभाग,
हजारीबाग।

पत्रांक- 02/यो-01-12/2017 (भाग-5)-

/हजारीबाग, दिनांक-

प्रेषक:-

ई0 हेमन्त कुमार लोहानी,
मुख्य अभियंता।

सेवा में,

मुख्य अभियंता,
योजना, मोनिटरिंग एवं आयोजन,
जल संसाधन विभाग, झारखण्ड, राँची।

विषय:-

Request for in-Principal Approval /NOC for diversion of Chotki Nala at Chandragupta Project Under CCL-Reg

प्रसंग:-

विभागीय पत्रांक-2/PMC/विविध/1041/2022-816 दिनांक 28-10-2024 एवं CCL का पत्रांक GMA(A-C)/PO Chandragupt/NOC/2024-25/277 दिनांक 01-11-2024

महाराज,

उपर्युक्त विषयक प्रासंगिक पत्र के आलोक में विभागीय संकल्प संख्या-448 दिनांक 04-10-2024 द्वारा संसूचित पधांतरण संबंधी Standard Operating procedure cum guidelines के अनुरूप अधीक्षण अभियंता, जलपथ अंचल, हजारीबाग के पत्रांक 57 दिनांक 30-01-2025 द्वारा Request for in-Principal Approval /NOC for diversion of Chotki Nala at Chandragupta Project Under CCL-Reg संबंधी प्रस्ताव पर अनापत्ति प्रमाण पत्र निर्गत करने हेतु अनुरस्ता सहित प्रतिवेदन प्राप्त, विषयांकित प्रस्ताव पर अनापत्ति प्रमाण पत्र निर्गत किया जा सकता है।

अनु0-यथोक्त।

विश्वासभाजन

ह0/-

(हेमन्त कुमार लोहानी)
मुख्य अभियंता।

ज्ञापक-

/ हजारीबाग, दिनांक-

प्रतिलिपि, अधीक्षण अभियंता, जलपथ अंचल, हजारीबाग एवं कार्यपालक अभियंता, जलपथ प्रमण्डल, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह0/-

(हेमन्त कुमार लोहानी)
मुख्य अभियंता।



ज्ञापक- 131

/ हजारीबाग, दिनांक- 04/02/2025

प्रतिलिपि, M/S Sushee Chandragupt Coal Mine Private Limited, Banajara Hills, Hyderabad, Telangana-500034 (E-mail: info@sccmpl.com) को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

(हेमन्त कुमार लोहानी)
मुख्य अभियंता।

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/


Date:


Annexure-21**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-9

Chandragupt OCP undertake that "to prepare a human-elephant conflict mitigation plan which will be funded by the User Agency and will take necessary measure to mitigate drivers of negative human-elephant conflicts and paying timely compensations and ex-gratia"


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL

CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND/SUMMARY OF PAYMENT
Chandragupt OCP (699.38 Ha)

S.N	Column 1	Column 2
1	Name of Regional Office	Integrated Regional office Ranchi
2	State/District/Forest Division to which the proposal relates	Jharkhand/Chatra&Hazaribagh/Chatra South & Hazaribagh West
3	Name of User Agency, Name of Proposal	Central coalfields limited, Chandragupt Opencast Mining Project
4	Nature of Category of Proposal	Mining
5	Proposal No.	FP/HV/MIN/140399/2021
6	Extent of Forest Area involved	699.38 Ha
7	Whether original or extension	Original (land acquired under CBA Act)
8	If the extension of lease, please clarify if proposal involves additional forest area and if so specify	NA
9	Dated of 1st Stage clearance	File No. 8-24 /2023-FC dated 27.05.2024
10	Extent of CAMPA Charges, head wise viz.	
	a) Compensatory afforestation	Rs 164,36,19,381.00
	b) Additional compensatory afforestation	NA
	c) Penal compensatory afforestation	NA
	d) Catchment area treatment	Rs 19,47,00,346.00
	e) De-Siltation Plan	Rs 7,00,79,000.00
	f) Additional charges for diversion of area falling under notified/protected area	Nil
	g) Net present value	Rs. 85,92,51,274.40
	h) any other charges/levies (please specify) Safety Zone+ Forest Produce + Cess + Tax- Penal NPV	NA
	i. Penal NPV	NA
	ii. Soil and Moisture Conservation Plan (SMC) (@ 0.5% of Project Cost)	Rs 4,36,75,085.00
	iii. Wildlife management plan (WLCP)@2% of Project Cost	Rs 48,05,92,000.00
	Total =	Rs 329,69,17,080.40
11	If the payment made through challan or otherwise in case of online payment, details of challan	Attached

Sign of User Agency

Sign of DFO (Chatra South)

Sign of DFO (Hazaribagh West)

Sign of Nodal Officer

Mukesh Kumar I.F.S.
 Divisional Forest Officer
 Chatra South Forest Division

CHANDRAGUPT DEEN CHAIT (2021)
AMRABALUCHANDRAGUPT

12 Details of deposits						
Sl No	Type of Deposit (NPV/CA/WM P/Others)Specify	Whether (RTGS/DD /NEFT (Specify)	UTR/DD No.	Amount Deposit (Rs.)	Dated of Deposit	Name of Bank from which amount transferred to account of CAF Bank Account of CAF managed by CAMPA in which fund deposited.
1	NPV	RTGS	ICICR42024121100000859	85,92,51,274.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No 1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
2	WLCP	RTGS	ICICR42024121100000859	19,47,60,340.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No 1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
3	SMC	RTGS	ICICR42024121100000859	4,86,75,085.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No 1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
4	CA	RTGS	ICICR42025012700001515	164,36,19,381.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No 1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
5	CAT	RTGS	ICICR42025012700001515	48,09,35,000.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No 1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
6	De-Siltation	RTGS	ICICR42025012700001515	7,00,79,000.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No 1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027

Sign of User Agency

Sign of DFO (Chatra South)

Sign of DFO (Hazarikaghat West)

Sign of Nodal Officer

Mukesh Kumar

Mukesh Kumar I.F.S

Divisional Forest Officer

Chatra South Forest Division

CHANDRAGUPT OPEN CAST PROJECT
AMTAPALL-CHANDRAGUPT AREA, COI

Sl No	Particulars	Demand Raised vide	Amount Paid (RS)	UTR No	Date
		DFO, Chatra (South) vide Ltr.No.1129 Dtd.31.05.2024	49,26,15,446.40	ICICR42024121100000899	11.12.2024
1	NPV	DFO, Hazaribagh (West) vide Ltr.No.3331 Dtd.04.06.2024.	36,66,35,828.00	ICICR42024121100000899	11.12.2024
2	WLCIP	DFO Chatra (South) vide Ltr.No.2118 Dtd.25.10.2024	19,47,00,340.00	ICICR42024121100000899	11.12.2024
3	SMC	DFO Chatra (South) vide Ltr.No.2117 Dtd.25.10.2024	4,86,75,045.00	ICICR42024121100000899	11.12.2024
		TOTAL	1102626699.00	ICICR42024121100000899	11.12.2024
		DFO, Chatra (South) vide letter No:51 dated 07.01.2025	82,10,67,915.00	ICICR42025012700001515	27.01.2025
		DFO (Hazaribagh West) vide letter no:216 dated 10.01.2025	54,51,52,566.00	ICICR42025012700001515	27.01.2025
4	CA	DFO, Chatra South Forest Division vide letter no :81 dated 15.01.2025	27,73,98,900.00	ICICR42025012700001515	27.01.2025
		DFO Chatra (South) vide Ltr No:2343 dated 29.11.2024	37,07,26,000.00	ICICR42025012700001515	27.01.2025
		DFO Hazaribagh (West) vide Ltr No:5987 dated 13.12.2024	10,98,66,000.00	ICICR42025012700001515	27.01.2025
5	CAT	DFO Chatra (South) vide the Ltr.No.2345 Dtd.29.11.2024	2,66,38,000.00	ICICR42025012700001515	27.01.2025
		DFO Hazaribagh (West) vide their Ltr.No.5989 Dtd.13.12.2024	4,34,41,000.00	ICICR42025012700001515	27.01.2025
6	De-Siltation	TOTAL	219,42,90,381.00	ICICR42025012700001515	27.01.2025
		Total Amount Paid		329,69,17,080.40	

Sign of User Agency

PROJECT COSTS

CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, COAL



Sign of CFO (Chitra South)

Publications Forest Officer

Chattahoochee Forest Division

Sign. of DFO (Hazaribagh West)

Sign of Notal Officer

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-23**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-12

Chandragupt OCP undertake that *"The all the activities will be carried out as per approved Mine Plan."*


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

Top Soil Management

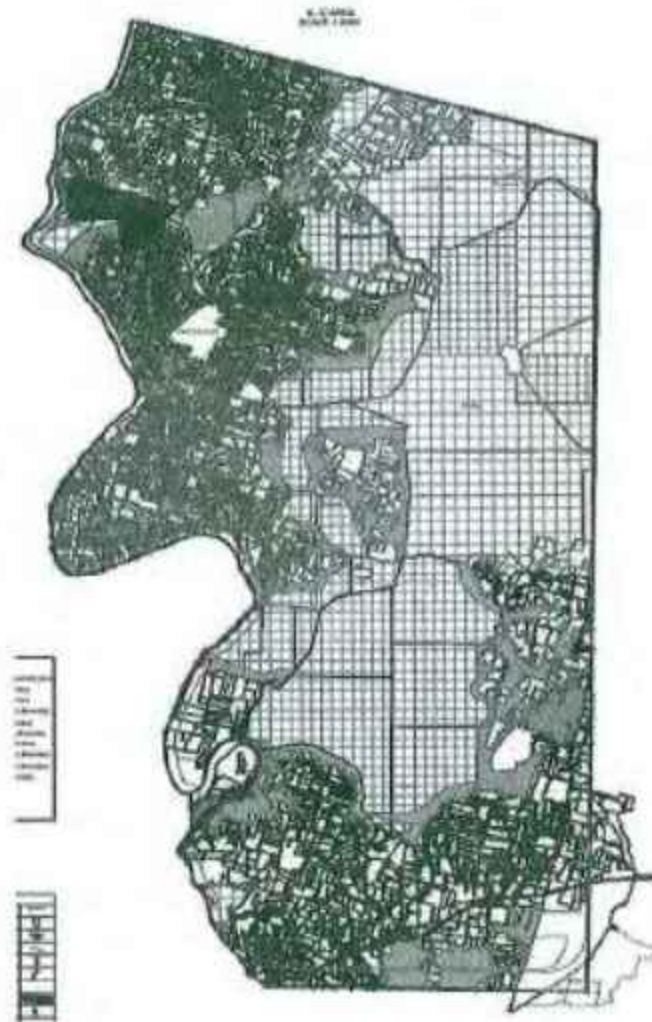
of

Chandragupt OCP

(Normative-15.00/Peak-20.00 MTPA)

Project Area- 1495 Ha

**(North Karanpura Coalfields, Dist: Hazaribagh & Chatra
State: Jharkhand)**



Mukesh Kumar
Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

July 2024

Central Mine Planning and Design Institute Limited

Gondwana Place, Kanke Road, Ranch

[Signature]
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI CHANDRAGUPT AREA, CCL


Topsoil Management of Chandragupt OCP

1. Project Description:


Chandragupt OCP is a Greenfield opencast coal mining project located in the North Karanpura Coalfields, falling in both Hazaribagh & Chatra districts of Jharkhand. This project is covered in Survey of India Topo-sheet no. 73A/13 and 73E/1, and is bounded between latitude 23°51'30" to 23°54'45" N and longitude 85°01'15" to 85°03'15".

The details of revenue villages falling within the project boundary are as given below:

Sl.No	District	Tehsil	Villages
01	Hazaribagh	Koradari	Badhaikhap, Bulru, Chatti-Bariyatu, Jordag, Nawakhap, Pachra/Pachanda, Peto, Sijhua
02	Chatra	Tandwa	Usru

	Node	Latitude	Longitude
	A	23°54'37.00"N	85° 1'36.52"E
	B	23°54'13.98"N	85° 3'11.60"E
	C	23°51'22.45"N	85° 3'11.99"E
	D	23°51'23.49"N	85° 2'5.42"E
	E	23°51'45.80"N	85° 1'50.02"E
	F	23°52'40.52"N	85° 2'3.06"E
	G	23°52'46.74"N	85° 1'24.78"E
	H	23°53'21.39"N	85° 1'39.11"E
	I	23°53'54.10"N	85° 1'15.39"E


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


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2. Physiology and Drainage

Climate

The climate is tropical with severe summer. The temperature during summer (March-June) goes as high as 45°C. Summer days are hot with dusty wind, but nights are generally pleasant. The minimum summer temperature is 23°C. The winter (November-February) is cold and the minimum temperature recorded is 2 to 3°C. The average annual rainfall in the district is 1225.6 mm. During the monsoon season June to September the district receives about 85% of the annual rainfall. July is the rainiest month with an average rainfall of 315.7 mm.

Topography

The block is characterized by more or less flat terrain with gentle undulations. The maximum elevation of 500m is observed near borehole no CNKP-88 & CNKP-91. The minimum elevation is about 445m on the bank of the Barki River.

Drainage

Barki River flowing from North-South direction forms the principal drainage within the study area. It flows in the North-South direction and touches the western boundary of the ML area. The Chundru River marks the southern boundary of the block whereas Barki River is the western limit of the boundary at 60m. The study area also shows the presence of the Garhi River. The Barki River and Chundru River are the major tributaries of Garhi River. The southerly flowing Garhi River is the master drainage and perennial source of water for the area. The drainage pattern of the area is mostly dendritic in nature, wherein the smaller stream meets the larger at an acute angle.

3. Present Landuse

Chandragupt OCP is a green-field project, and hence core zone mainly consists of forestland, vegetation and agricultural land. No industrial activity observed in the core zone. The detailed land use pattern as per the remote sensing data is as given below.

Table: Landuse Pattern of Study area- Core Zone and Buffer Zone

Area Statistics - Chandragupt OCP (2022)					
Classes		Colour	Core Zone	Buffer Zone	
Level-I	Level-II		Area (Km ²)	% of Total	Area (Km ²)
Forest Land	Dense Forest		0.03	0.02	18.50
	Dense Forest		2.41	22.82	81.06
	Total Forest Land		2.41	22.82	179.55
	Scrub		2.21	21.54	69.64
Plantation Area	Acacia Forest		0.03	0.03	0.00
	Plantation w/ Oil		0.03	0.03	0.00
	Plantation w/ Rubber		0.03	0.03	0.00
	Total Plantation Area		0.09	0.09	0.00
Agriculture Land	Crop Land		1.24	1.20	41.26
	Fallow Land		0.34	3.14	17.00
	Total Agriculture Land		1.58	15.14	58.26
Waste Land	Waste Land		0.13	1.10	8.23
	Barren Land		0.00	0.00	2.10
	Total Waste Land		0.13	1.10	10.33
Mining Area	Coal Quarry		0.00	0.00	1.00
	Bauxite Quarry		0.00	0.00	1.00
	Rock Fill		0.00	0.00	2.20
	Coal Dump		0.00	0.00	0.00
Settlements	Water Piled Qty		0.00	0.00	0.00
	Total Mining Area		0.00	0.00	4.20
	Urban Settlements		0.00	0.00	0.00
	Rural Settlements		0.00	0.00	3.00
Water Body	Industrial Settlements		0.00	0.00	0.00
	Total Settlement Area		0.00	0.00	3.00
	River/Ponds		0.14	1.34	8.54
	Total Area		14.07	135.00	470.82


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chattri South Forest Division


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4. Soil Quality Status

Soil samples were collected from three identified locations around the study area during study period to generate primary information on soil quality prevailing in the study area. These samples were collected once during the study period and preserved in polythene bags / Pet jar having lock facility. The parameters tested and methodology adopted are as follows:

Sn	Parameter	Unit	Test Method
1	pH	-	IS:2720 (Part 26)
2	Water Holding Capacity	%	USDA Method
3	Electrical Conductivity	$\mu\text{S/cm}$	IS: 14767:2000
4	Available Nitrogen	kg/ha	TP/C/4.7
5	Available Phosphorus	kg/ha	TP/C/4.5
6	Available Potassium	kg/ha	TP/C/4.6
7	Sodium absorption ratio (SAR)	-	S.K. Maithi (Volume 2)
8	Available Organic Carbon	%	IS:2720 (PART 22)
9	Cation exchange capacity	meq/100g	TP/C/4.14
10	Specific Gravity	-	IS:2720 (PART 3)
11	Field Capacity	%	S.K. Maithi (Volume 2)
12	Wilting Coefficient	%	S.K. Maithi (Volume 2)
13	Texture	-	IS:2720 (PART 4)
	a) Sand	%	IS:2720 (PART 4)
	b) Silt	%	IS:2720 (PART 4)
	c) Clay	%	IS:2720 (PART 4)

The detailed observation made for soil quality during the study period is below -

Table: Soil Monitoring at Station S1

Location: Bhadai khap Village Agriculture Land (S1)

Sl. No.	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH	6.6	6.2	6.8
2	Elec. Conductivity(μ mhos/cm)	324.6	298.7	267.5
3	Nitrogen Av.(kg/ha)	422.7	378.0	268.6
4	Phosphorous Av. P ₂ O ₅ (kg/ha)	16.3	11.5	8.7
5	Potash Av.(kg/ha)	286.5	241.2	179.1
6	Organic Carbon (%)	0.62	0.51	0.34
7	Specific Gravity (%)	2.3	2.4	2.5
8	SAR (meq/l)	1.08	1.1	1.06
9	WHC (%)	34.6	28.9	25.6
10	Field capacity (%)	14.2	15.9	16.2

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Divisional Forest Officer
Chattri South Forest Divn

11	Wilting Coefficient	0.72	0.67	0.54
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	SandyLoam
B	Sand(%)	57.2	55.7	59.1
C	Silt(%)	26.4	32.0	31.6
D	Clay(%)	16.4	12.3	9.3
13	Cation Exchange Capacity (meq/100g)	31.4	29.2	30.5

Table: Soil Monitoring at Station S2

Location: Bhadai khap Village Barren Land (S2)

Sn	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH (1:5)	6.1	5.8	5.5
2	Elec. Conductivity (μ mhos/cm)	307.2	359.7	326.2
3	Nitrogen Av.(kg/ha)	274.1	231.0	144.6
4	Phosphorous Av. P ₂ O ₅ (kg/ha)	7.1	5.2	3.8
5	Potash Av.(kg/ha)	193.6	147.7	124.0
6	Organic Carbon (%)	0.31	0.21	0.10
7	Specific Gravity (gm/cc)	2.4	2.6	2.5
8	SAR (meq/l)	1.2	1.3	1.2
9	Water holding Capacity (%)	18.7	19.5	26.5
10	Field capacity (%)	8.6	7.8	6.8
11	Wilting Coefficient	0.60	0.57	0.48
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	Sandy loam
B	Sand(%)	58.3	59.4	61.2
C	Silt(%)	31.9	32.8	32.4
D	Clay(%)	9.7	7.8	6.4
13	Cation Exchange Capacity (meq/100g)	20.7	18.1	16.1

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Table Soil Monitoring at Station S3

Location: Bukru Village Forest Land (S3)

Sl. No.	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH	6.3	6.4	6.1
2	Elec. Conductivity (μ mhos/cm)	271.3	297.6	262.1
3	Nitrogen Av.(kg/ha)	308.4	273.2	195.3
4	Phosphorous Av. P ₂ O ₅ (kg/ha)	10.4	8.6	6.3
5	Potash Av.(kg/ha)	282.5	210.5	186.2
6	Organic Carbon (%)	0.52	0.38	0.27

Makesh Kumar I.F.S
Divisional Forest Officer
Chaura South Forest Division

PROJECT OFFICER
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7	Specific Gravity (%)	2.3	2.2	2.3
8	SAR (meq/l)	1.1	1.1	1.0
9	WHC (%)	29.6	28.6	25.7
10	Field capacity (%)	12.3	14.3	12.8
11	Wilting Coefficient	0.66	0.65	0.54
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	Sandy loam
B	Sand(%)	57.2	59.4	58.4
C	Silt(%)	30.0	30.9	35.1
D	Clay(%)	12.7	9.6	6.4
13	Cation Exchange Capacity (meq/100g)	29.2	25.5	21.9

Table showing Soil Classification

Soil Test	Classification
pH	<p><4.5 Extremely acidic</p> <p>4.51-5.50 Very Strongly Acidic</p> <p>5.51-6.0 Moderately Acidic</p> <p>6.01-6.50 Slightly Acidic</p> <p>6.51-7.30 Neutral</p> <p>7.31-7.80 Slightly Alkaline</p> <p>7.81-8.50 Moderately Alkaline</p> <p>8.51-9.0 Strongly Alkaline</p> <p>9.01 Very Strongly Alkaline</p>
Salinity Electrical Conductivity (mmhos/cm) (1ppm = 640 mmho/cm)	<p>Up to 1.00 Average</p> <p>1.01 -2.00 harmful to germination</p> <p>2.01 – 3.00 harmful to crops (sensitive to salts)</p>
Nitrogen (kg/ha)	<p>Upto 50 very Less</p> <p>51-100 Less</p> <p>101-150 Good</p> <p>151-300 Better</p> <p>>300 sufficient</p>
Phosphorous (kg/ha)	<p>Upto 15 Very Less</p> <p>16-30 Less</p> <p>31-50 Medium,</p> <p>51-65 on an Average Sufficient</p> <p>66-80 Sufficient</p> <p>>80 more than Sufficient</p>
Potassium (kg/ha)	<p>0 -120 very less</p> <p>120-180 less</p> <p>181-240 medium</p> <p>241-300 average</p> <p>301-360 better</p> <p>>360 more than sufficient</p>


Mukesh Kumar I.P.S
 Divisional Forest Officer
 Chitra South Forest Divia

Source Handbook of Agriculture, Indian Council of Agricultural Research, New Delhi *

Rating chart for the soil test data for Organic Carbon

Soil Parameters	Low	Medium	High
Organic Carbon	< 0.50 %	0.50 - 0.75%	> 0.75%

Source: Text Book of Soil Science by R. K. Mehra

Table: Soil Observation & Classification as per ICAR Soil Classification Standard and rating chart for the soil test data for Organic Carbon

Location	Depth (cm)	pH	Organic Carbon (%)	Available Nitrogen	Available Phosphorus	Available Potassium
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Bhadai Khap Village Agriculture Land (S1)	0-30	Neutral	Medium	Sufficient	Less	Average
	30-60	Slightly Acidic	Medium	Sufficient	Very Less	Average
	60-90	Neutral	Low	Better	Very Less	Less
Bhadai Khap Village Barren Land (S2)	0-30	Slightly Acidic	Low	Better	Very Less	Medium
	30-60	Moderately Acidic	Low	Better	Very Less	Less
	60-90	Very Strongly Acidic	Low	Good	Very Less	Less
Bukru Village Forest Land (S3)	0-30	Slightly Acidic	Medium	Sufficient	Very Less	Average
	30-60	Slightly Acidic	Low	Better	Very Less	Medium
	60-90	Slightly Acidic	Low	Better	Very Less	Medium

Essential parameters which determine the fertility of the soil are:

pH: The soil pH varies from very strongly acidic to neutral in nature;

Nitrogen: The nitrogen content in the Forest Land (S1) and Agricultural Land (S2) is observed to be in sufficient and better category at all sampling depth whereas in barren land nitrogen varies from good to better.

Phosphorus: The phosphorus content in the Agricultural Land (S1), Barren Land (S2) and Forest Land (S3) is observed to be in less to less category; and

Potassium: The potassium content in the study varies from less to average.

Since the PK values are less in most areas, fertilizer supplements will be required for increasing the agricultural productions.


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


PROJECT OFFICER
CHANDRAKUPT OPEN CAST PROJECT
AMRAPALI CHANDRAKUPT AREA, CCL

5. Topsoil Management

5.1 Introduction

Topsoil is that uppermost layer of soil capable of growing and supporting vegetation. Topsoil contains the essential microorganisms, nutrients, organic matter, and physical characteristics necessary to grow and sustain permanent vegetation.

The salvaging, stockpiling and re-application of topsoil to be used as growth medium in the reclamation of Internal & External overburden dumps within the mining area is a major environment protection programme. Soil management in opencast mine is necessary to re-establish the stability & productivity of land disturbed due to mining activity.

Two factors influence how topsoil performs as a growth medium. One is the quality of the topsoil and other is the depth of the topsoil. The higher the quality of the topsoil and the greater the depth in relation to the root zone, the better the soil will support healthy plant growth and encourage infiltration.

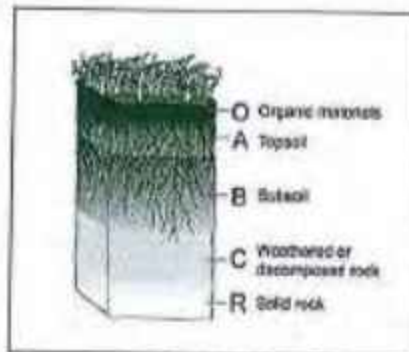
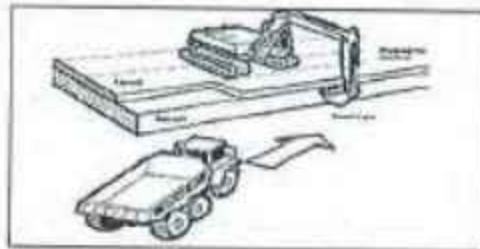


Fig :- Soil Profile

The factors influence the characteristics of topsoil are climate, vegetation and organic matter, topography and physiography, mineralogical constituents, surface processes, biological activity and human activity.

5.2 Stripping of Top Soil

Top soil should be stripped only from the area which will be disturbed by Excavation, filling, Infrastructure etc. Approx. 30 cm of top soil is stripped depending upon the soil profile at site. Depth of stripping is determined by taking soil core at several locations.



Mukesh Kumar
Mukesh Kumar I.F.S
Divisional Forest Officer
Chattri South Forest Division

5.3 Details of Topsoil generation from Chandragupt OCP

Total top soil to be generated is approximately 3.90 MCum and this total volume of top soil will be utilized for concurrent biological reclamation of internal dumps, Embankment and Green belt.

The top soil staked in an area of about 22.48 Ha in initial 15 years upto maximum height of 8m in 3 deck having slope 2H:1V which will be kept in Usru Village on Non-Forest land. Afterward as the mine developed the top soil is directly applied on the area to be reclaimed.

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Top soil so generated will be utilized in embankment, spreading over backfill area and in Green Belt Area. Details are given in below table.

Year/Stage	Top Soil Removal Plan (Mcum)	Top Soil Used (Mcum)			Total Utilize
		Spreading Over Embankment	Spreading Over Backfill Area	Used in Green Belt Area	
Y-1	0.13	0.10	0.00	0.03	0.13
Y-3	0.52	0.10	0.02	0.06	0.18
Y-5	0.86	0.10	0.07	0.06	0.23
Y-10	1.57	0.10	0.17	0.06	0.34
Y-15	2.25	0.10	0.25	0.08	0.43
Y-20	2.75	0.10	1.32	0.08	1.51
Y-25	3.11	0.10	1.32	0.08	1.51
Y-30	3.47	0.10	2.84	0.08	3.02
Y-35	3.86	0.10	3.09	0.08	3.27
Y-41	3.90	0.10	3.72	0.08	3.90
Post Closure					
Y-44	3.90	0.10	3.72	0.08	3.90

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CHANDRAGUPT OPEN CAST PROJECT
AJIAPALI-CHANDRAGUPT AREA, CCL

Makesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

5.3 Site location

The site should be flat and established proper erosion and sediment control structure such as diversion, berms, dikes, waterways and sediment basin.

Immediately prior to spreading the top soil, loosen the subgrade by disking or scarifying to a depth of at least 100 millimeters to ensure bonding of the topsoil and subsoil.

If sufficient topsoil is available, a minimum compacted depth of a half meter on 3:1 slopes and one meter on flatter slopes is suggested.

Compact the topsoil enough to ensure good contact with the underlying soil, but avoid excessive compaction, as it increases runoff and inhibits seed germination. Light packing with a roller is recommended where turf is to be established.

5.4 Stockpiling

Top Soil will be stacked on the flat horizontal area and where there is no natural drainage. Sediment barrier is provided to retain sediment.

Temporary seeding - protect topsoil stockpiles by temporarily seeding as soon as possible, within 30 days after the formation of the stockpile.


Permanent vegetation - if stockpiles will not be used within 12 months they should be stabilized with permanent vegetation to control erosion and weeds.

As the mine pits expand, there will be more opportunity to strip top soil and apply it directly to area to be reclaimed, thus avoiding topsoil stockpiling. Freshly stripped and placed topsoil retains more viable seed, micro-organisms and nutrients than stockpiled soil. Vegetation establishment is generally improved by the direct return of topsoil and is considered 'best practice' topsoil management.

5.5 Maintenance and inspection

Periodic inspection and maintenance will be required. Make any repairs necessary to ensure the measure is operating properly. Repair and reseed if necessary to control erosion and loss of topsoil. This periodic maintenance procedure applies to either temporary soil stabilization or permanent seeding application


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Mukesh Kumar I.F.S
Divisional Forest Officer
Chattri South Forest Division

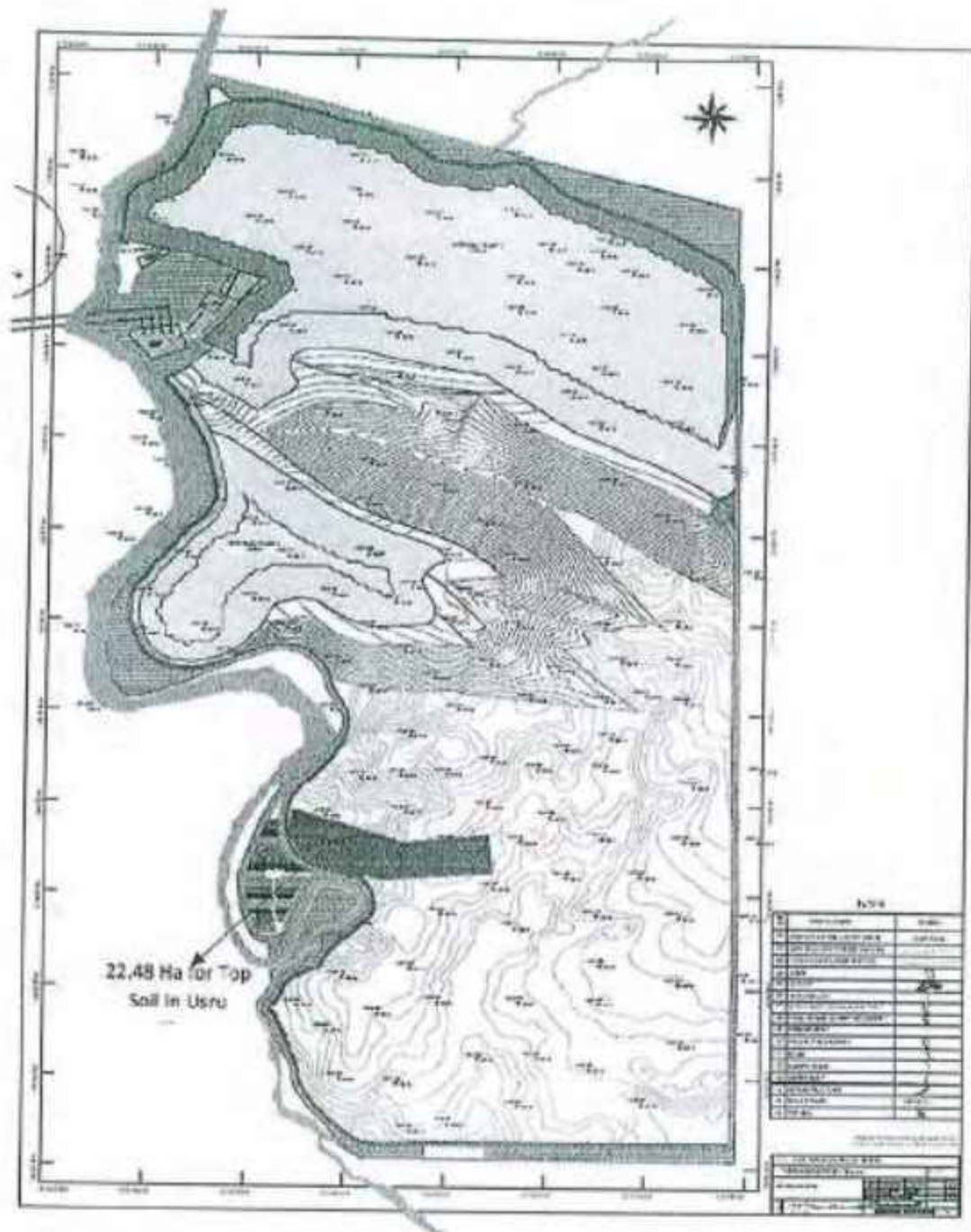


Fig: Proposed Working Plan of Chandragupt OCP showing Location of Topsoil Dump

Mukesh Kumar
 Mukesh Kumar I.F.S.
 Divisional Forest Officer
 Chatra South Forest Division

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5.6 Topsoil Conservation with Grass and Shrub Species

The main objectives of topsoil conservation is to minimize soil erosion from wind and water runoff, enhance soil

Grass Species Selection:

1. Choose a mix of native grass species suitable for climate, soil type, and rainfall. Here are some options based on their characteristics:
 - **Fast Establishment:** Doob Grass (*Cynodon dactylon*)
 - **Erosion Control on Slopes:** Vetiver Grass (*Chrysopogon zizanioides*)
 - **Drought Tolerance:** Dichanthium annulatum [Ditch Pal Grass]
2. A mix of these will be most suitable combination.
3. **Planting Techniques:**
4. Sow the grass seeds directly onto the prepared seedbed following the recommended seeding rate for each species.
5. Lightly rake the seeds into the soil to ensure good seed-to-soil contact.
6. Apply a thin layer of mulch (straw, hay) to retain moisture and suppress weed growth.

S.N.	Name of Species	Common Name	Family Name	Habitat	Purpose
1	<i>Cynodon dactylon</i>	Doob Grass	Poaceae	Grass	Doob grass is a fast-growing, low-growing perennial grass that forms a dense mat, which helps prevent soil erosion. It's well-adapted to various soil conditions and tolerates moderate foot traffic.
2	<i>Cynodon patens</i>	Lemon Grass	Poaceae	Grass	Its root system can provide some limited stabilization, and it grows relatively quickly.
3	<i>Saccharum spontaneum</i>	Wild sugarcane	Poaceae	Grass	This tall grass grows in large clumps and is native and drought resilient.
4	<i>Cenchrus pedunculatus</i>	Deenanath Grass	Poaceae	Grass	This Grass is a many-branched leafy annual grass up to 1 m tall which will help in wind erosion and control erosion of soil.
	<i>Dichanthium annulatum</i>	Ditch Pal grass	Poaceae	Perennial grass	This is a perennial grass, up to about 25 cm tall and will be suitable for soil erosion control.
	<i>Chrysopogon zizanioides</i>	Vetiver grass	Poaceae	perennial grass	Vetiver grass (<i>Chrysopogon zizanioides</i>) is an exception with its thin fibrous roots penetrating vertically up to 3-4 m (Hollin & Halgh, 2002), thus, this grass is an agent of both erosion reduction and ensuring slope stability against shallow landslides

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Mukesh Kumar I.F.S
Divisional Forest Officer
Chitra South Forest Division



	<i>Axonopus compressus</i>	Carpet Grass	Poaceae	Grass	As a covering mat, it can control erosion and provide some protection against infestation by more noxious weeds.
5	<i>Dodonaea viscosa</i>	Hop bush	Sapindaceae	Shrub	These are all shrubs species, which will offer wind protection to soil
6	<i>Clerodendrum infortunatum</i>	Hill glory bower	Lamiaceae	Perennial Shrub	
7	<i>Woodfordia fruticosa</i>	Fire flame bush	Lythraceae	Shrub	
8	<i>Clerodendrum phlomoides</i>	Sage Glory Bower	Lamiaceae	Shrub	
9	<i>Vitex negundo</i>	Chaste tree	Lamiaceae	Shrub	

Additional Considerations:

- **Slope Stabilization:** For steeper slopes, consider additional erosion control measures like jute mats or wattles alongside the grass cover.
- **Long-Term Seeding:** If long-term cover is desired, consider incorporating slow-growing, native bunchgrasses alongside the fast-establishing species for a more diverse and sustainable solution.
- **Post-Seeding Activities:** Once the topsoil is stabilized, plan for future land use. This could involve planting trees, shrubs, or crops suited for the revitalized soil.


Mukesh Kumar I.F.S
Divisional Forest Officer
Chattr South Forest Division


PROJECT OFFICER
CHANDRAPPT OPEN CAST PROJECT
AMRAPALI-CHANDRAPPT AREA, CCL

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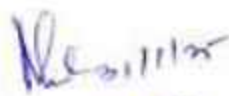
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Annexure-24(i)**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)



Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division(400.96Ha), & Hazaribagh West Forest Division(298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-12(i)

Chandragupt OCP undertake that "Mitigative measures to minimize soil erosion and choking of stream shall be implemented within a period of three year with effect from the issue of the Stage-II Clearance in accordance with the approved Plan in consultation with the State Forest Department"


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
PROJECT OFFICER
Chandragupt Open Cast Project
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:


Annexure-24(ii)**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)



Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-12(ii)

Chandragupt OCP undertake that "Planting of adequate drought hardy plant species and sowing of seeds, in the appropriate area within the mining lease to arrest soil erosion in accordance with the approved scheme."


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCF
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 Coal India Limited A Maharatna Company www.coalindia.co	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-24(iii)**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)


Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-12(iii)

Chandragupt OCP undertake that "Construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour in accordance with the approved scheme;

"


Mukesh Kumar LFS
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
GCL
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, GCL

 Coal India Limited A Maharatna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-24(iv)**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)



Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-12(iv)

Chandragupt OCP undertake that "Stabilize the overburden dumps by appropriate grading/benching, in accordance with the approved scheme, so as to ensure that angles of repose at any given place is less than 28°"


Mukesh Kumar I.F.S
 Divisional Forest Officer
 Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:


Annexure-24(v)**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-12(v)

Chandragupt OCP undertake that "No damage shall be caused to the top-soil and the user agency will follow the top soil management plan."


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL



Office of the Divisional Forest Officer,
Chatra South Forest Division, Chatra.
Van Bhavan Chatra

B-mail : dfo-chatrasouth@gov.in Phone : 8987790213



Annexure-25

Letter No. 2117 Dated 25/10/2024

To

The Project Officer,
Chandragupt OCP,
Amrapali-Chandragupt Area.

Subject: Charging of an lump sum amount of the project cost towards the cost of implementation of the Soil and Moisture Conservation Plan against 699.38 Ha of Forest Land in respect of Stage-I obtained for mining operations of Chandragupt OCP.

Ref: Your Letter No. GM(A-C)/PO CHANDRAGUPT/FC/2024/270 Dated 19.10.2024.

Sir,

Through above mentioned letter, a request has been made that, as per MoEF&CC, GoI Guideline dated 7th June, 2022, in cases where it is not possible for the state to submit the compliance due to delay in preparation and approval of such plan, a lump sum quantum of project cost may be realized from the User Agency and submitted along with the Stage-I compliance.

Accordingly, It has been requested to raise a demand of indicative amount equal to 0.5% of the project cost for implementation of Soil & Moisture Conservation Plan as mandated under the principle approval of the project. The estimated cost of project has been mentioned to be 973.5017 Crore in part A-1(vii) of part-I.

Therefore, it is requested to deposit the indicative lump sum amount of Rs. 4,86,75,085.00 (0.5% of the Project Cost) in CAMPA Account for Soil & Moisture Conservation Plan. The amount should be deposited to CAMPA fund only through e-portal (<https://parivesh.nic.in>) against 699.38Ha of Forest Land in favour of Chandragupt OCP along with an undertaking for depositing additional amount, if so determined, as per final approval of the Soil and Moisture Conservation Plan.

Sent for further necessary action.

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

Yours faithfully

Divisional Forest Officer

Chatra South Forest Division, Chatra.

PROJECT OFFICER
CHANDRAGUPT OCP/CCO PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCI

25/10/2024
25-10-2024

From : monitoring-fci@nic.in

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

Mon, Nov 04, 2024 04:48 I

To : po.chandragupta <po.chandragupta@coalindia.in>

Cc : monitoring-fci@nic.in

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below.

Proposal Detail

1. Proposal No. : FP/3H/MIN/140599/2021
2. Proposal Name : CHANDRAGUPT OCP
3. Category of the Proposal : Mining
4. Date of In-principle : 09/04/2021
5. Name of the Applicant with Contact Details

Name	: CHANDRAGUPT OCP
Mobile No.	: 8987784169
Email ID	: po.chandragupta@coalindia.in
State	: Jharkhand
District	: Chatra
Pincode	: 825321

Funds Demand Details

1. Compensatory Afforestation : Rs. 0/-
2. Additional Compensatory Afforestation : Rs. 0/-
3. Penal Compensatory Afforestation : Rs. 0/-
4. Catchment Area Treatment : Rs. 0/-
5. Safety Zone : Rs. 0/-
6. Additional Charges for protected area : Rs. 0/-
7. Net Present Value (NPV) : Rs. 859251274/-
8. Wildlife Conservation Plan : Rs. 194700340/-
9. Soil & Moisture Conservation Plan : Rs. 48675085/-
10. Other Charges1 : Rs. 0/-
11. Other Charges2 : Rs. 0/-
- Total Amount : Rs. 1102626699/-

User Agency is requested to make above mentioned payment after generating challan through the system.

(System Administrator)


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

*** This is a system generated email, please do not reply. ***

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
ANRPA/CHANDRAGUPT ANCA, CO.



Date-11-12-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	11026266 99.00	15072581405 99645	UBIN099 6335	ICICR4202412110 0000899	11- 12- 202 4

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.

This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Ratu Road Ranchi -834001


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division



ICICI Bank Limited
Tower,
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN.: L65190GJ1994PLC021012

Regd. Office : ICICI Bank

Near Chakti Circle,
Old Padra Road,
Vadodara 390 007, India.

PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
ANRAPALI-CHANDRAGUPTA AREA, CCL

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	
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Ref.No.GM(AC)/PO(Chandragupt)24-25/


Date:

Annexure-27**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-12

Chandragupt OCP undertake that "Gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests (having crown density less than 0.40), if any, located in the area within 100 meter from outer perimeter of the mining lease. The plan for plantation and SMC activities will be prepared and submitted to MoEF&CC at the time of Stage-II Compliance."


Project Officer
Chandragupt Open Cast Project

FICCL OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

 Coal India Limited A Maharatna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-28**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)



Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-13(i)

Chandragupt OCP undertake that *"The demarcation of safety zone (7.5-meter strip all along the inner boundary of the mining lease area), and its fencing, protection and regeneration by erecting adequate number of 6 feet high RCC boundary pillars inscribed with DGPS coordinates with barbed wire fencing and deploying adequate number of watchers under the supervision of the State Forest Department will be completed within three months of obtaining Forest Land handover".*


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
Chandragupt Open Cast Project
CCL

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALL-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-29

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)



Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-13(ii)

Chandragupt OCP undertake that *"The Boundary of the safety zone of the mining lease, adjacent to habitation/roads, should be properly fenced" within three months of obtaining forest land handover.*


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALL-CHANDRAGUPT AREA CCL

 Coal India Limited A Maharatna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-30**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-13(iii)

Chandragupt OCP undertakes *"Maintain a safety zone as green belt around mining lease and to ensure dense canopy in the area, regeneration will be taken up in this area under the supervision of the State Forest Dept" within three months of obtaining forest land handover.*


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 <p>Coal India Limited A National Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-31**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-13(iv)

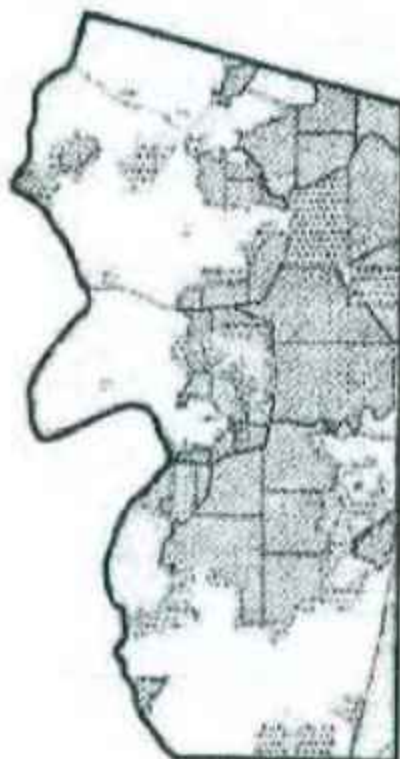
Chandragupt OCP undertakes "safety zone is maintained as per the prescribed norms" within three months of obtaining forest land handover.

Mukesh Kumar
Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

[Signature]
Project Officer
Chandragupt Open Cast Project
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA/CCL



Rehabilitation & Resettlement Plan
of
Chandragupt OCP



A & C Area
Central Coalfields Limited
(A Subsidiary of Coal India Ltd)

Mukesh

Mukesh Kumar I.P.S
Divisional Forest Officer
Chattri South Forest Division

PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMRAPALI CHANDRAGUPTA AREA, CCL
SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
CCL, AMRAPALI-CHANDRAGUPTA AREA

1.0 INTRODUCTION

The Chandragupt Opencast project falls within Pachra and Pachra South geological blocks. It is located in the northern part of North Karanpura Coalfields and is included in survey of India toposheet no. 73A/13 and 73E/1 in Hazaribagh district of Jharkhand. Pachra Integrated project is bounded between latitude 23°51'30" to 23°54'45"N and longitude 85°01'15" to 85°03'15". Area of the Project: 14.95 sq km. The nearest railway station is Ray, which is at a distance of 37 km from the block on the Barkakana-Dehri-on-sone loop line of North-Eastern Railways. Tori is another railway station, located south-west of the block at a crow-fly distance of about 55 km on the above loop line. Coal mining activity has not yet started in these blocks. Mining activity in the adjoining block to the west of Barki River, namely Amrapali OCP is undergoing. The block is covered by different land types viz., forest, tenancy, GMK, GMA and JJ. The normative production of the project is 15.0 MTY of G-11 grade coal. The present report envisages the implementation of project in MDO Mode. This Report is being prepared for the partial fulfillment of making Forest Application for diversion of forest land for non forest use under Section 2 (ii) of FC Act 1980.

2.0 LOCATION

The Chandragupt Opencast project falls within Pachra and Pachra South geological blocks. It is located in the northern part of North Karanpura Coalfields and is included in survey of India toposheet no. 73A/13 and 73E/1 in Hazaribagh district of Jharkhand. Pachra Integrated project is bounded between latitude 23°51'30" to 23°54'45"N and longitude 85°01'15" to 85°03'15". Area of the Project: 14.95 sq km.

Limiting Boundaries of the Projected Area:

- Northern Boundary: Incrop of Seam-IB.
- Southern Boundary: Southern geological block boundary of Pachra South Block.
- Eastern Boundary: Geological block boundary between Pachra Block and Chatti Bariatu block and Pachra South Block and Chatti Bariatu South block.
- Western Boundary: Leaving a surface barrier of 60m from 'Barki River' and along the incrop of Seam IB.

PROJECT OFFICER
SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
OCL, AMRAPALI-CHANDRAGUPTA AREA

3.0 COMMUNICATION

The State Highway No 7 connecting Tandwa with Hazaribagh (40km) via Barkagum passes 4km south of the block. The SH-7 (starting from Bijupata) is connected to NH-75 (starting from Ranchi).

The Tandwa village is about 92km from Ranchi. However, the block remains isolated from Tandwa during rainy season due to non-existence of bridge over Barki River flowing through the western boundary of the block. The block is approachable during dry season through a kutch road of about 6km from Ketundari village.

The nearest railway station is Ray, which is at a distance of 37 km from the block on the Barkakana-Dhri-on-sone loop line of North-Eastern Railways. Tori is another railway station, located south-west of the block at a crow-fly distance of about 55 km on the above loop line.

4.0 TOPOGRAPHY, DRAINAGE AND HYDROLOGY

The block is characterized by more or less flat terrain with gentle undulations. The maximum elevation of 500m is observed near borehole no CNKP-88 & CNKP-91. The minimum elevation is about 445m on the bank of the Barki River.

The drainage of the block is controlled by the Barki River flowing north to south along the western boundary. There is another small river called Chotki River flowing north-east to south-west that finally join Barki River near borehole no CNKP-174. There are other small nullas flowing across the block that finally join Barki River. The Barki river after meeting with Chandra River near Tandwa village flows further southwards in the name of Garhi river which is an important tributary of west to east flowing Damodar river.

5.0 Rehabilitation and Resettlement Programme

Seven out of nine villages of Chandragupt OCP are located within the proposed quarry which needs to be shifted and rehabilitated. Based on the available data as per project report of Chandragupt OCP about 500 families would be affected by mining operation, in Chandragupt OCP. Thus, provision has been made for rehabilitation of 500 families. This figure is tentative & may change after detailed survey of mining lease hold area. Resettlement and rehabilitation will be done according to R&R Policy of Coal India

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA

SANJEEV KUMAR
MANAGER

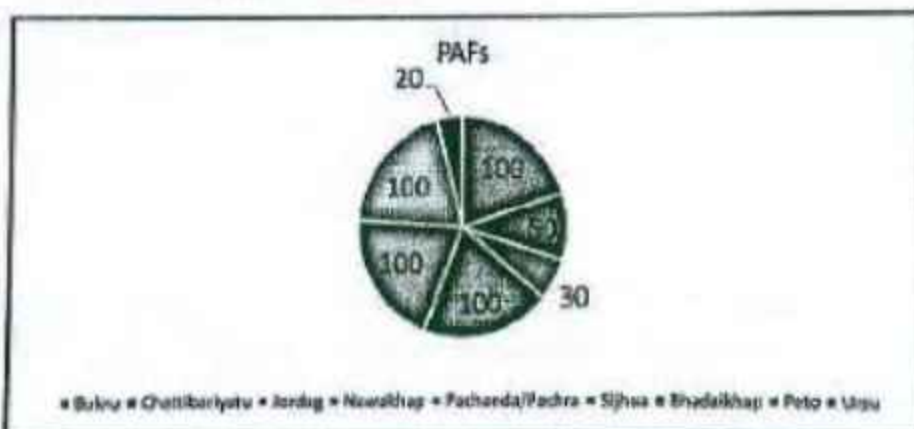
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA

Limited. As per PR estimated capital for capital outlay in mines for rehabilitation for 500 families including cost of house are 5504. (Ref Appendix A.8.1 of PR)

Estimated capital for capital outlay in mines		
Village rehabilitation for 500 families including cost of houses		
Phasing	Upto Target Year	
	1 st yr	1000
	2 nd yr	1000
	3 rd yr	1000
	4 th yr	1000
	5 th yr	1504
Total Provision		5504

Rehabilitation process as an ongoing programme designed to restore physical, chemical and biological quality disturbed by the mining to a level acceptable to all concerned. It aims at leaving the area in such a way that rehabilitation does not become a burden to the society after mining operation is over. It must also aim to create a self-sustained ecosystem.

Village wise breakup for 500 families are –



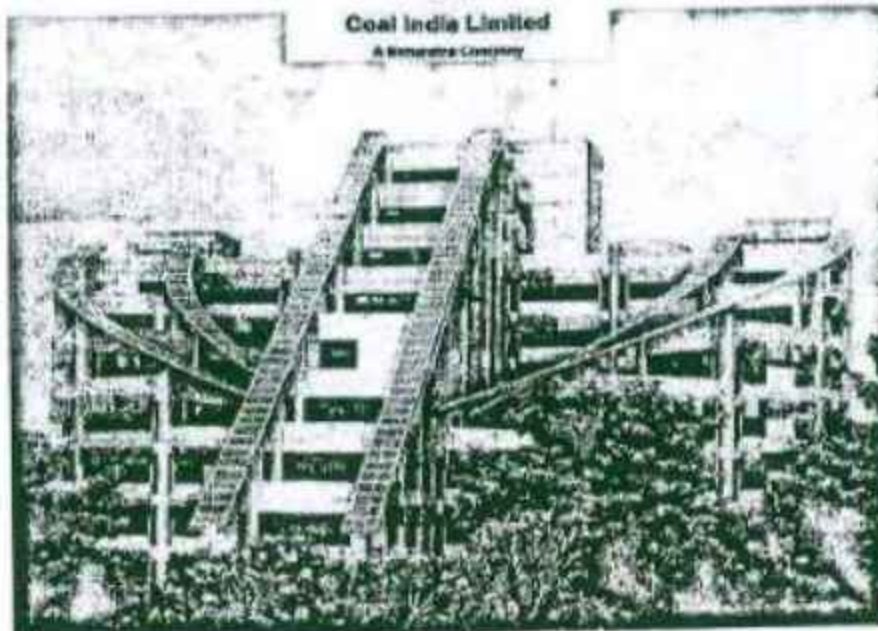
Sl.no.	Village	District	No. of Families (approx..)
1	Bakru	Hazaribagh	100
2	Chattibariyatu	Hazaribagh	50
3	Jordeg	Hazaribagh	30
4	Nawakhap	Hazaribagh	100
5	Pachanda/Pachra	Hazaribagh	100
6	Sijhua	Hazaribagh	100
7	Bhadaikhap	Hazaribagh	Nil
8	Pelo	Hazaribagh	Nil
9	Ursu	Chatra	20
Total			500

PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA, OCL

SARJEEV KUMAR
MANAGER
CHANDRAGUPTA OPEN CAST PROJECT
OCL, AMRAPALI-CHANDRAGUPTA AREA

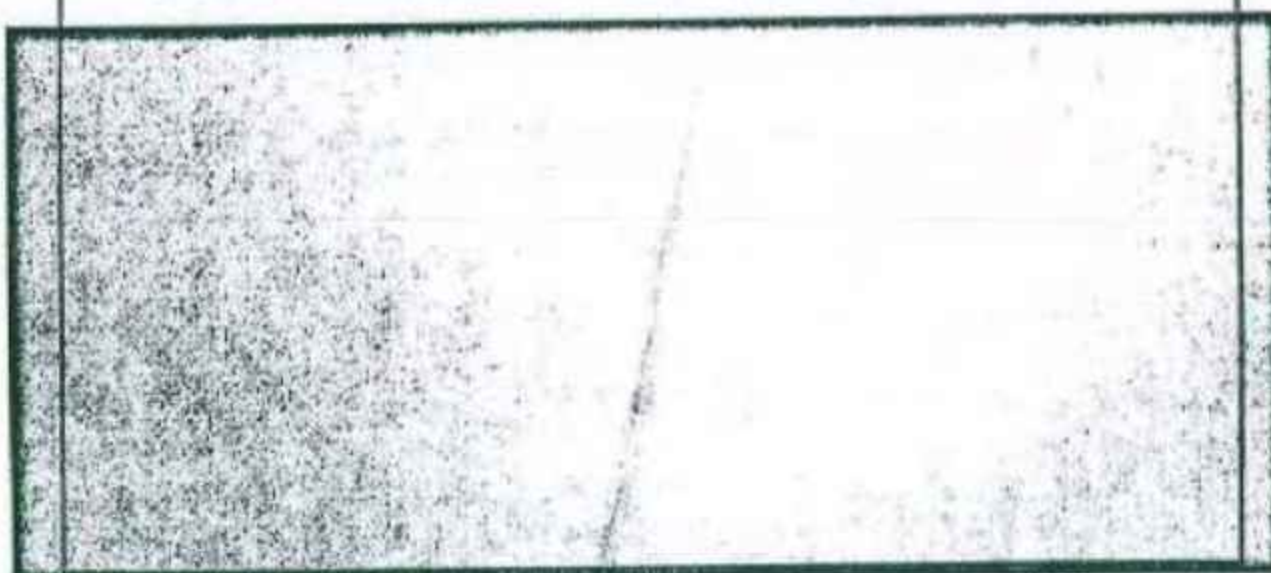


Coal India Limited
A Bharatmala Company



Annuity Scheme, CIL, 2020

(In Lieu of Direct Employment or One-Time Monetary Compensation Against Land)



PROJECT OFFICER
CHANDRASUPTA OPENCAST PROJECT
AMRAPALI-CHANDRASUPTA AREA

SANJEEV KUMAR
MANAGER
CHANDRASUPTA OPENCAST PROJECT
AMRAPALI-CHANDRASUPTA AREA

Scanned with CamScanner



2 September, 2020



Foreword

Land is a major resource for any mining project. One of the major challenges of the coal industry is land acquisition and its physical possession. As a natural corollary, rehabilitation and resettlement of villages pose its own challenge.

Coal India Limited and its subsidiary companies spread across eight states of the country, amidst the challenges, are meeting the energy requirement of the country with admirable tenacity.

Coal India believes in mining with a human face and over the years has gained and garnered the confidence and goodwill of the project affected persons (PAPs) with its philosophy of inclusive growth and progressive rehabilitation policies.

Coal India is a socially responsible and responsive company. The company is conscious of the need to protect the regular source of income the small landowners earn out of the land they part with for coal mining operations.

'CIL's Annuity Scheme 2020' is an attempt to strike a judicious balance between meeting the organisation's business goals and ensuring a sustainable source of income to PAPs.


Pramod Agrawal

PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA
SAMJEV KUMAR
MANAGER
CHANDRAGUPTA OPEN CAST PROJECT
COA, AMRAPALI-CHANDRAGUPTA AREA

बिनय दयाल
निदेशक (तकनीकी)
Binay Dayal
Director(Technical)



कोल इंडिया लिमिटेड
Coal India Limited

(a Government of India Enterprise)
Address: P.O.
Promises No. 04/1985, Plot No. 47/II,
Sector Area 1A, New Town,
Bokaro, Jharkhand-834005
Phone: 035 23244024, Fax: 035 3244082
E-mail: ghs@coalindia.in
Website: www.coalindia.in

1st September, 2020



Foreword

With an objective to ensure energy security and curb import bills of the nation, CIL has envisaged to produce 1 Billion Tonne of coal by FY 2024 with participation of all stakeholders.

Land being key resource to coal mining, has vital role to play in meeting above objectives. Taking physical possession of tenancy land is one of the most challenging aspect in operationalization of any coal mining project across the subsidiaries of CIL.

Since inception, Coal India is working on basic philosophy of providing fair compensation to the affected families and making adequate provisions for safeguarding their sustainable income. For small landholding affected families, greater emphasis need to be given for their sustainable income.

Considering the paramount importance of these aspects, concept of alternative option like annuity was also emerged during the Chintan Shivr organised by Ministry of Coal on 17th & 18th February 2020 at Kevadia (Gujarat).

CIL's Annuity Scheme 2020 against land is an endeavor to afford a consistent source of earnings to its PAPs while taking care of organizational priorities at the same time.

I take this opportunity to appreciate the efforts put in by Shri A N Goswami, Chief Manager (Mining), Project Monitoring Division, CIL in franting this Scheme.

SANJEEV KUMAR
MANAGER

CHANDRAGUPTA OPENCAST PROJECT
CCL, ANHAPALI-CHANDRAGUPTA AREA

Binay Dayal

PROJECT OFFICER
CHANDRAGUPTA OPENCAST PROJECT
ANHAPALI-CHANDRAGUPTA AREA, CCL

Scanned with CamScanner



Coal India Limited
A MAHARATRA COMPANY
Coal Bhawan, 3rd Floor, Core - 2
New Town, Rajarhat, Kolkata- 700 156.
PHONE: 033-2324-6526, FAX:033-2324-6510
Email - mvdwanathan2.cil@coalindia.in
WEBSITE: www.coalindia.in
CIN - 1231099WB1973G0018844

Ref No.CIL/JD/D4112/2020: 25982

Dated 2nd Sept. 2020

To
GM (PMD),
Coal India Limited,
3rd Floor, New Town,
Rajarhat, Kolkata - 700 156.

Sub: Minutes of 409th CIL Board Meeting held on 25th August 2020.

Dear Sir,

Reproduced below is the relevant extracts from the minutes of 409th meeting of Board of Directors of Coal India Limited held on 25th Aug. 2020 at Kolkata with regard to the following item:

"ITEM NO.409.4 (B)

Sub: CIL Annuity Scheme, 2028 in lieu of direct employment or one-time monetary compensation against land.

4.2 Director (Technical) apprised the Board that CIL Subsidiaries were providing employment against land acquired for coal mining projects as per CIL R&R Policy and prevalent State Laws. In order to maintain the profitability of the projects, Subsidiaries are opting for outsourcing of projects which result in reduction in employment opportunity in projects for unskilled workers. Therefore, the scope for providing employment to unskilled project affected persons against land acquired had reduced. To address this issue, it was suggested in a review meeting held on 16th March '20 to explore a suitable alternative mode of land acquisition or to formulate an alternative to employment like annuity. Annuity is an alternative method in lieu of providing employment or one-time monetary compensation in lieu of employment as well as maintaining sustainable cash flow to affected families. This also reduces the overall cost to the company by way of reduction in wage cost. He further apprised the salient features of the scheme as under :-

- a) The Annuity Scheme shall be implemented as an option in lieu of employment claim by the eligible affected family against land acquisition and annuity to be provided as per RFCTLARR Act 2013 to all the affected families. All such entitled Affected Family shall opt for annuity and forgo the job benefit or one-time monetary compensation in lieu of employment against acquired land by entering into an agreement with project authority.
- b) For land owner, Annuity will be at the rate of Rs 150/- per decimal of land lost in lieu of employment to a minimum of Rs. 2000/- per month subject to a maximum of Rs


SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
CIL, ANHAPALI-CHANDRAGUPTA AREA

PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
ANHAPALI-CHANDRAGUPTA AREA, CCL

30000/- per month for the period of thirty years or life of project whichever is higher with 1 % incremental growth on every year on total annuity or Annual indexation to the Consumer Price Index for Agricultural Labourers over Rs.2000/- whichever is higher.

Or,

An affected family whose land or other immovable property has been acquired & possessed by the company and become eligible for employment as per respective State Policy and opt for annuity in lieu of employment or one-time monetary compensation will get Rs 30000/- per month for the period of Thirty years or life of project whichever is higher with Incremental growth as mentioned above.

- c) An affected family may be a non-title holder whose primary source of livelihood was dependant on the land acquired for more than three years prior to the date of acquisition will get Rs 2000/- per month upto life of the project or 20 years whichever is higher with appropriate indexation to the Consumer Price Index for Agricultural Labourers, and
- d) Subsidiary Board may be authorised to modify the increment provision of Annuity in view of financial viability and prevailing unique condition of the project provided such modification is not in conflict with prevailing Central/State Law or rules.


This was discussed in CMDs Meet held on 10th July 2020, they had agreed to the scheme and suggested minor modification. After incorporating the modification, the same is placed to the Board for its consideration.

To a another query, D(T) clarified that this is an enabling provision in lieu of providing employment against land acquisition and depending on the observations/suggestion to be received, if required, the scheme would be modified in future.

In view of the above, Board accorded its approval to CIL Annuity Scheme, 2020 in lieu of direct employment or one-time monetary compensation against land as brought out in the agenda note."

This is for your information and to take necessary action please.

Yours faithfully,


(M. Viswanathan)
Company Secretary


SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
CCL AMRAPALI-CHANDRAGUPTA AREA

PROJECT OFFICER
CHANDRAGUPTA OPENCAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA, CCL

Annuity Scheme of CIL, 2020

A. Circumstantial:

Keeping in view the need for more efficient and cost competitive the coal companies are moving towards outsourcing mode instead of departmental mode of operation. This would result in reduction in employment opportunity in the company. Further, in most of the cases of land acquisition, the demand for employment exceeds the employment opportunity available in the mine/ project. As such, the possibilities of providing employment to the land oustees are becoming difficult for the company.

Annuity may be a responsive alternate method in lieu of providing employment as well as maintaining sustainable resource of livelihood to the affected families.

B. Scope:

This annuity scheme shall be implemented in lieu of employment claim by the eligible affected family against land acquisition. All such entitled Affected Family shall opt for annuity and forgo the job benefit or one time monetary compensation in lieu of employment against acquired land by entering into an agreement with project authority.

C. Legal obligation about Annuity:

As per Second Schedule (See Sections 31(1), 38(1) & 105(3)) of the Right To Fair Compensation And Transparency In Land Acquisition, Rehabilitation And Resettlement Act, 2013 (RFCTLARR Act 2013);

Quote :

"The appropriate Government shall ensure that the affected families are provided with the following options:

(a) where jobs are created through the project, after providing suitable training and skill development in the required field, make provision for employment at a rate not lower than the minimum wages provided for in any other law for the time being in force, to at least one

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PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMRAPALI CHANDRAGUPTA AREA
CHANDRAGUPTA OPEN CAST PROJECT
DCL, AMRAPALI CHANDRAGUPTA AREA

Annuity Scheme of CIL, 2020

member per affected family in the project or arrange for a job in such other project as may be required; or

(b) onetime payment of five lakhs rupees per affected family; or

(c) Annuity policies that shall pay not less than two thousand rupees per month per family for twenty years, with appropriate indexation to the CPI for Agricultural Labourers*."


Unquote

Therefore, annuity is a legally tenable alternative option in lieu of employment against acquired land.

D. Entitlements for Annuity;

The following category of beneficiaries may opt for Annuity in lieu of Job/ Employment or one time monetary compensation:

- I. All land owner whose land is acquired will be eligible for compensation for land as specified in the First schedule of RFCTLARR Act, 2013 or, determined as per the clarification given by MoC vide letter No. 43020/25/2015-PRIW-I dt.04-08-2017 and Letter No.43020/25/2015-PRIW-I dt. 30-03-2018 respectively or, Negotiated Land Value in case of Direct purchase of land whichever is applicable.
- II. An affected family whose land or other immovable property has been acquired & possessed by the company and eligible for employment as per respective State Policy.
- III. An affected family, may be a non-title holder, whose primary source of livelihood was dependent on the land acquired for more than three years prior to the date of acquisition and stand affected by the acquisition of land, as certified by the State Government authorities.
- IV. The Scheduled Tribes and other traditional forest dwellers who have lost any of their forest rights recognized under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 due to requisition of land as authenticated by the District Authority of the concerned State Government.


SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
CCL, ANRAPALI-CHANDRAGUPTA AREA

PROJECT OFFICER
CHANDRAGUPTA OPENCAST PROJECT
CCL, ANRAPALI-CHANDRAGUPTA AREA, CCL

Annuity Scheme of CIL, 2020

E. Benefits to be provided:

Category	Annuity
<p>I. All land owner whose land is acquired will be eligible for compensation for land as specified in the First schedule of RFCTLARR Act, 2013 or, determined as per the clarification given by MoC vide letter No. 43020/25/2015-PRIW-I dt.04-08-2017 and Letter No.43020/25/2015-PRIW-I dt. 30-03-2018 respectively or, Negotiated Land Value in case of Direct purchase of land whichever is applicable.</p> <p style="text-align: center;">Or,</p> <p>II. An affected family whose land or other immovable property has been acquired & possessed by the company and eligible for employment as per respective State Policy.</p>	<p>Land compensation as per First Schedule of RFCTLARR Act 2013 in case of land acquired under CBA (A&D) Act or, determined as per the clarification given by MoC vide letter No. 43020/25/2015-PRIW-I dt.04-08-2017 and Letter No.43020/25/2015-PRIW-I dt. 30-03-2018 respectively or, Negotiated Land Value in case of Direct purchase of land whichever is applicable.</p> <p style="text-align: center;">Plus (+)</p> <p>Annuity at the rate of Rs 150/- per decimal of land lost in lieu of Employment subject to minimum Rs. 2000/- per month and maximum of Rs 30000/- per month for the period of Thirty years or life of project whichever is higher with 1 % incremental growth on every year on total annuity or Annual indexation to the Consumer Price Index for Agricultural Labourers over Rs.2000.00/- whichever is higher.</p> <p style="text-align: center;">Or,</p> <p>An affected family whose land or other immovable property has been acquired & possessed by the company and become eligible for employment as per respective State Policy and opt for annuity in lieu of employment or one time monetary compensation will get Rs 30000/- per month for the period of Thirty years or life of project whichever is higher with incremental growth as mentioned above.</p> <p>In case of death of land owner the annuity may be paid to his/her successor/ nominee for the rest period or equally distributed amongst all the successors. Modalities of distribution of annuity amount in case of death of land owner may be determined by the respective Subsidiary Board.</p>

Annuity Scheme of CIL, 2020

Category	Annuity
<p>III. An affected family may be a non-title holder, whose primary source of livelihood was dependent on the land acquired for more than three years prior to the date of acquisition i.e. date of notification u/s 9 (1) of CBA (A&D) Act 1957 and stand affected by the acquisition of land, as certified by the State Government authorities.</p>	<p>Not less than Rs 2000/- per month upto life of the project or 20 years whichever is higher with appropriate indexation to the Consumer Price Index for Agricultural Labourers.</p>
<p>IV. The Scheduled Tribes and other traditional forest dwellers who have lost any of their forest rights recognized under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 due to acquisition of land as authenticated by the District Authority of the concerned State Government.</p>	

Note:

All above entitled Affected Family shall have to opt for annuity and forgo the benefit of job/ employment by entering into an agreement with project authority.

Mukesh Kumar, J.F.S.
 Divisional Forest Officer
 Chandra South Forest Division

SANJEEV KUMAR
MANAGER
 CHANDRAGUPTA OPENCAST PROJECT
 CHANDRAGUPTA OPENCAST PROJECT

Annuity Scheme of CIL, 2020

Additional Benefits:

Respective Subsidiary Board may consider the following additional benefits to the Affected Families who opt annuity in lieu of employment keeping in view the financial viability of the project:

- a) Imparting skilled development training or cost of such training.
- b) Group insurance benefits.
- c) Group Mediclaim benefits.
- d) Special additional incentive to those who opt for and give possession of their land (including home stead land) within one month from the announcement of project specific annuity scheme under this Scheme.

Flexibility:

Subsidiary Board is authorized to modify the increment provision of Annuity in view of financial viability and prevailing unique condition of the project, provided such modification is not in conflict with prevailing Central/State Law or rules.

In case of any circular/guideline issued by Central/State Government regarding annuity in lieu of employment or one time monetary compensation the same would be effective from the date of issue and it will have an overwriting effect on the Annuity Scheme.





Mukesh Kumar, F.S
Divisional Forest Officer
Chitra South Forest Division



SANJEEV KUMAR
MANAGER

CHANDRAGUPTA SPENCAST PROJECT
CCL, AMRAPALI CHANDRAGUPTA AREA OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA, CCL

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-33

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-14

Chandragupt OCP undertakes that the activities under the R&R plan shall be commenced and implemented as per the R&R Policy of State Government in consonance with National R&R Policy of Government of India. Chandragupt OCP, CCL further undertakes that the activities under the R&R Plan shall be commenced within one year of obtaining forest land handover"


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL



Office of the Principal Chief Conservator of Forests

Van Bhawan, Doranda, Ranchi - 834 002
Email: pccf-jhk@gov.in, Phone No. 0651-2481909

Office order No. 173 dated 28/11/2024

Sanction Order of the De-siltation Plan with reference to non-forestry use of 699.38 ha of forest land for Chandragupta Open Cast Mine in favour of M/s Central Coalfields Limited (CCL)

The instant De-siltation Plan (referred to as "the Plan" here in after) has been submitted by M/s. **Central Coalfields Limited (CCL)** (referred to as "the User Agency or M/s CCL") in pursuance of the condition number -15 laid by the MoEF&CC vide letter no. 8-24/2023-FC dated 27.05.2024 for the diversion of 699.34 ha (400.96 ha in Chatra South Forest Division and 298.42 ha in Hazaribagh West Forest Division) of forest land for Chandragupt Open Cast Coal mining project in favour of M/s Central Coalfield Limited (CCL).

Condition no. 15 of Stage-1 approval:

The user agency shall prepare a list of existing water tanks and other water bodies located within the five kilometre from the mine lease boundary. This list is to be duly verified by the concerned Divisional Forest officer. The user agency shall regularly undertake desiltation of these village tanks and other water bodies so as to mitigate the impact of siltation of identified ponds and water bodies. A detailed approved plan for desilting identified ponds and water bodies to be prepared in consultation with forest department and shall be submitted to MoEF&CC before stage-II approval.

2. In compliance of the aforesaid conditions laid by MoEF&CC, the User Agency M/s Central Coalfields Limited (CCL) submitted a site-specific Soil & Moisture Conservation Plan for diversion of forest land proposal of Chandragupta Open Cast Mining Project prepared in consultation with the forest officials including DFO, Chatra South and Hazaribagh West Forest Division, the CFs and RCCF, Hazaribagh.

Mukesh Kumar LFS
Mukesh Kumar LFS
Divisional Forest Officer
Chatra South Forest Division

[Signature]
28.11.2024

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[Signature]
[Signature]


PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRABALI-CHANDRAGUPT AREA CCL

3. In the above stated background, the Regional Chief Conservator of Forests, Ranchi (RCCF, Hazaribagh) vide his letter no. 2013 dated 14.11.2024 submitted the Plan to the office of the undersigned for its consideration for sanction.

4. In order to examine the plan prescriptions a communication was issued to the Regional Chief Conservator of Forests, Ranchi, vide this office letter no. 2850 dated 18.11.2024 to arrange a presentation of the plan on 27.11.2024 in the conference hall of the undersigned. The presentation was made by the Project proponent in the presence of Regional Chief Conservator of Forests, Hazaribagh, CF, Chatra, CF, Hazaribagh, DFO, Chatra South and DFO, Hazaribagh West Forest Division. Project Officer, Chandragupta OCP, Nodal Officer CCL/SCOMPL, Shri Hemant Kumar, SIDHA, Dr. Manish Kumar, SIDHA, Ms. Diksha Lakra, SIDHA, Ms. Nikita, SIDHA were also present during the presentation.

5. After deliberation on various provisions of the proposed Plan and the presentation, it was observed that there are 67 ponds in the area under consideration out of which 57 will be desilted under the current existing plan. Out of the total 57 ponds 34 ponds are falling under Hazaribagh forest Division and 23 ponds are falling under Chatra South Forest division. For the ease of operation these ponds have been classified under 3 major categories based on the average size of the total surveyed ponds. The first category of ponds have a size of 130 x 70 x 15 feet, the second category of ponds have average size of 86 x 70 x 12 feet and third category of ponds have average size of 66 x 60 x 15. In the first category there are total of 22 ponds, in the second category there are 21 ponds and remaining 14 are in the third category. The de-siltation is proposed to be carried out in four cycles. 1st cycle in first year, 2nd cycle in 4th year, 3rd cycle in 7th year and 4th cycle in 10th year.

6. The cost of the proposed 10-year Site-Specific De-siltation Plan with respect to the activities to be carried out by DFO, Chatra South and DFO, Hazaribagh West Forest Division has been estimated to be Rs. 700.79 lakh. The summary of the proposed interventions (component wise) under the Plan with the objective of conservation of forest resources as also to mitigate the impacts of mining on forests and wildlife is as follows:


28.11.2024


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL


7. The summary of the proposed interventions (component wise) under the Plan is as follows:

De-siltation cycle	Plan year	Chatra South Forest Division (Rs.)	Hazaribagh West Forest Division (Rs.)	Total (in Rs.)
1 st cycle	1 st year	42.75	69.71	112.46
2 nd cycle	4 th year	51.29	83.65	134.94
3 rd cycle	7 th year	71.81	117.10	188.91
4 th cycle	10 th year	100.53	163.95	264.48
Total		266.38	434.41	700.79

8. The Plan with a total financial outlay of Rs. 700.79 lakh extends over a period of 10 years and shall be utilized by the Forest Department through the DFO, Chatra South and DFO, Hazaribagh West Forest Division in accordance with the Plan prescriptions.


9. Considering the proposals under the plan submitted by the User Agency and recommendation of the concerned forest officers, sanction is hereby accorded to the instant Plan subject to the following conditions:

- (i) That the User Agency shall ensure that its officials/contractors and the work force engaged into mining and allied operations under the Project shall not commit or abet any forest/wildlife offence in their area of operation. They will also promptly report any forest/wildlife offence in the area to the nearest forest office/official. Further, they will extend their full cooperation to the forest officials in control/mitigation of any incident, natural or man-made, detrimental to forest and wildlife in their area of operation.
- (ii) That the total amount of Rs. 700.79 lakh (Rupees seven crore seventy thousand only) shall be deposited by the User Agency into CAMPA


20.11.2024


20/11/24
3
20/11/24
20/11/24

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA COL


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

account under the relevant head/sub-head and shall be utilized by the State Forest Department through the DFC, Chatra South and DFO, Hazaribagh West Forest Division as delineated under the Plan, strictly in accordance with the prevailing norms under the Jharkhand Forest Department.

- (iii) That as regards the funds earmarked against activities to be undertaken by the State Forest Department, DFO, Chatra South and DFO, Hazaribagh West Forest Division shall prepare a detailed Annual Plan of Operations (APO) in the beginning of every financial year in respect of the instant Plan following all the rules, regulations, Schedule of Rates etc. issued from time to time by the State Government/ Forest Department. Regional Chief Conservator of Forests, Hazaribagh shall supervise & closely monitor the progress of the activities undertaken by DFO, Chatra South and DFO, Hazaribagh West Forest Division respectively as per the approved APO & funds released under CAMPA.
- (iv) That the Conservator of Forests, Hazaribagh and Chatra shall supervise all the activities as per directions issued by the Forest Department from time to time.
- (v) That the DFO, Chatra South and DFO, Hazaribagh West Forest Division shall carry out the activities under the Plan strictly as per the duly sanctioned APO.
- (vi) That both the DFOs shall ensure that no violation of duly sanctioned Working Plan of their Forest Divisions takes place during implementation of any of the activities involved in this plan over notified and demarcated forest land.
- (vii) That the instant Plan is dynamic and be reviewed after 5 years to assess its compatibility with mining and its concurrent reclamation activities and a revised Plan be formulated as per requirement.
- (viii) That though adequate provisions have been made towards cost escalation in the plan viz. increase in wage rate/ material cost etc., yet the

 28.11.2024


Mukesh Kumar, F.S.
Divisional Forest Officer
Chatra South Forest Division

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
ASIRAPALI-CHANDRAGUPT AREA, CCL

User Agency shall submit an undertaking to the DFO, Chatra South and DFO, Hazaribagh West Forest Division to the effect that it will deposit extra cost of the plan beyond the cost escalation provision owing to increase in wage rate etc. in due course of time as well as consequent upon revision in the plan, if any, as and when given effect to by the competent authority.

Sd/-
Principal Chief Conservator of Forests,
Jharkhand, Ranchi


Memo No. dated

Copy forwarded to Deputy Director General of Forests (Central), Ministry of Environment, Forest & Climate Change, Integrated Regional Office, Ranchi, Harmu Housing Colony, Ranchi [email: ro_ranchi-mef@gov.in] / Principal Chief Conservator of Forest-cum-Executive Director, Waste Land Development Board, Jharkhand, Ranchi / Additional PCCF, CAMPA along with a copy of the Plan, for information and necessary action.

Sd/-
Principal Chief Conservator of Forests,
Jharkhand, Ranchi

Memo No. 2930 dated 28.11.2024

Copy forwarded to Regional Chief Conservator of Forest, Hazaribagh / Conservator of Forest, Hazaribagh / Chatra / DFO, Chatra South / Hazaribagh West Forest Division for information and necessary action.


28.11.2024
Principal Chief Conservator of Forests,
Jharkhand, Ranchi

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division



Office of Divisional Forest Officer,
Chatra South Forest Division, Chatra.



E-mail:- dfo-chatrasouth@gov.in Phone:- 8987790213

Letter No.:- 2345

Date:- 29.11.2024

To,

The General Manager,
Antrapalli- Chandragupt Area, Tandwa, Chatra.

Subject:- Demand letter for depositing levy for preparation of De-siltation Plan against non-forestry use of 699.38ha (400.96 ha in Chatra South Forest Division and 298.42 ha in Hazaribagh West Forest Division) of forest land for Chandragupt Open Cast Mining project in favour of M/s Central Coalfield Limited(CCL).

Ref:- Office order No-173 Dated-28-11-2024 of Principal Chief Conservator of Forest, Jharkhand, Ranchi, F NO. 8-24/2023-FC Dated-27.05.2024.

Kindly refer the letter in the reference where in principle approval has been accorded to the captioned project subject to certain conditions.

- A. As per condition No.15 of the said letter,
"The User Agency shall prepare a list of existing village tanks and other water bodies located within five km from the mine lease boundary. This list is to be duly verified by the concerned Divisional Forest Officer. The User Agency shall regularly undertake desiltation of these village tanks and other water bodies so as to mitigate the impact of siltation of identified ponds and water bodies. A detailed approved plan for desilting of identified ponds and water bodies to be prepared in consultation with forest department and shall be submitted to MoEF&CC before stage-II approval."
- B. In compliance of the above-mentioned condition of stage-I approval a Site-Specific De-siltation Plan was prepared by user agency and submitted before Principal Chief Conservator of Forest, Jharkhand, Ranchi for approval of the same. The said plan has been approved vide office order no-173 dated-28.11.2024 of PCCF, Jharkhand, Ranchi wherein, a provision Rs 266.38 Lacs have been made for implementation of the plan against mining activities.
- C. Therefore it is requested to deposit the above mentioned amount i.e Rs. 266.38 Lacs in CAMPA Account. The amount should be deposited to CAMPA Fund only through e-portal (<https://parivesh.nic.in>) and copy of challan/receipt shall be sent to this office for records.

Sent for necessary action.

Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

Your faithfully,

Divisional Forest Officer
Chatra South Forest Division, Chatra.

29/11/2024

Email

Sanjeev Kumar

Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

From : monitoring-fc@nic.in

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

To : po chandragupta <po.chandragupta@coalindia.in>

Cc : monitoring-fc@nic.in

Wed, Jan 22, 2025 04:08 PM

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below.

Proposal Detail

1. Proposal No. : FP/JH/MIN/140599/2021
2. Proposal Name : CHANDRAGUPT OCP
3. Category of the Proposal : Mining
4. Date of In-principle : 09/04/2021
5. Name of the Applicant with Contact Details

Name	: CHANDRAGUPT OCP
Mobile No.	: 8987784169
Email ID	: po.chandragupta@coalindi : a.in
State	: Jharkhand
District	: Chatra


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
JHARKHAND STATE MINES & COAL

Annexure - 36

Pincode

: 825321

Funds Demand Details

1. Compensatory Afforestation	: Rs. 1643619381/-
2. Additional Compensatory Afforestation	: Rs. 0/-
3. Penal Compensatory Afforestation	: Rs. 0/-
4. Catchment Area Treatment	: Rs. 480592000/-
5. Safety Zone	: Rs. 0/-
6. Additional Charges for protected area	: Rs. 0/-
7. Net Present Value (NPV)	: Rs. 0/-
8. DE-SILTATION	: Rs. 70079000/-
9. Other Charges1	: Rs. 0/-
10. Other Charges2	: Rs. 0/-
11. Other Charges3	: Rs. 0/-
Total Amount	: Rs. 2194290381/-

User Agency is requested to make above mentioned payment after generating challan through the system.

(System Administrator)

*** This is a system generated email, please do not reply. ***

Mukesh K. Singh I.F.S.
Divisional Forest Officer
Chittra South Forest Division

RECEIVED
CHITTRA SOUTH FOREST DIVISION
20/11/2024



Date-27-01-2025

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	21942903 81.00	15072581405 99331	UBIN099 6335	ICICR4202501270 0001515	27- 01- 202 5

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.

This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Ratu Road Ranchi -834001




Mukesh Kumar I.F.S
Divisional Forest Officer
Chota Nagpur Forest Division


PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AIRAPALI-CHANDRAGUPT AREA (IIL)

ICICI Bank Limited
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN: L65190GJ1994PLC021012

Regd. Office : ICICI Bank Tower,
Near Chakli Circle,
Old Podra Road,
Vadodra 390 007, India.

Annexure 22

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND/SUMMARY OF PAYMENT Chandragupt OCP (699.38 Ha)

S.N	Column 1	Column 2
1	Name of Regional Office	Integrated Regional office Ranchi
2	State/District/Forest Division to which the proposal relates	Jharkhand/Chatra&Hazaribagh/Chatra South & Hazaribagh West
3	Name of User Agency, Name of Proposal	Central coalfields limited, Chandragupt Opencast Mining Project
4	Nature of Category of Proposal	Mining
5	Proposal No.	FP/JH/MIN/140599/2021
6	Extent of Forest Area involved	699.38 Ha
7	Whether original or extension	Original (land acquired under CBA Act)
8	If the extension of lease, please clarify if proposal involves additional forest area and if so specify	NA
9	Dated of 1st Stage clearance	File No. 8-24 /2023-FC dated 27.05.2024
10	Extent of CAMPA Charges, head wise viz.	
	a) Compensatory afforestation	Rs 164,36,19,381.00
	b) Additional compensatory afforestation	NA
	c) Penal compensatory afforestation	NA
	d) Catchment area treatment	Rs 19,47,00,340.00
	e) De-Siltation Plan	Rs 7,00,79,000.00
	f) Additional charges for diversion of area falling under notified/protected area	Nil
	g) Net present value	Rs. 85,92,51,274.40
	h) any other charges/levies (please specify) Safety Zone + Forest Produce + Cess + Tax- Penal NPV	NA
	i. Penal NPV	NA
	ii. Soil and Moisture Conservation Plan (SMC) (@ 0.5% of Project Cost)	Rs 4,86,75,085.00
	iii. Wildlife management plan (WLCMP)@2% of Project Cost)	Rs 48,05,92,000.00
	Total =	Rs 329,69,17,080.40
11	If the payment made through challan or otherwise in case of online payment, details of challan	Attached


 Sign of User Agency

 Sign of DFO (Chatra South)
 Divyesh Kumar J.S.
 Divisional Forest Officer
 Chatra South Forest Division

Sign of Nodal Officer

Sign of DFO (Hazaribagh West)

12 Details of deposits						
Sl. No	Type of Deposit (NPV/CA/WMP/Others)Specify	Whether (RTGS/DD /NEFT (Specify)	UTR/DD No.	Amount Deposit (Rs.)	Dated of Deposit	Name of Bank from which amount transferred to account of CAF
1	NPV	RTGS	ICICR42024121100000899	85,92,51,274.00	11.12.2024	Bank Account of CAF managed by CAMPA in which fund deposited. CAF Account Jharkhand (A/C No)507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
2	WLCF	RTGS	ICICR42024121100000899	19,47,00,340.00	11.12.2024	CAF Account Jharkhand (A/C No)507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
3	SMC	RTGS	ICICR42024121100000899	4,86,75,085.00	11.12.2024	CAF Account Jharkhand (A/C No)507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
4	CA	RTGS	ICICR42025012700001515	164,36,19,381.00	27.01.2025	CAF Account Jharkhand (A/C No)507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
5	CAT	RTGS	ICICR42025012700001515	480592000.00	27.01.2025	CAF Account Jharkhand (A/C No)507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
6	De-Siltation	RTGS	ICICR42025012700001515	7,00,79,000.00	27.01.2025	CAF Account Jharkhand (A/C No)507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027

Sign of User Agency

Sign of DFO (Hazaribagh West)

Sign of Nodal Officer

PROJECT OFFICER

CHANDRAGUPTA CHEN (CAST FIELD)

ANAND KUMAR GUPTA (MCA)

Divisional Forest Officer

Chitra South Forest Division

(Signature)

SUMMARY OF THE PERFORMA FOR REMITTANCE OF FUND IN AD-HOC-CAMPA LEVIES FORM (Chandragupt OCP-699.38 Ha).						
SL No	Condition No	Name of Particulars	Chatra South Forest Division demand Raised	Hazaribagh Forest West Division Demand Raised	Payment Made to CAMPA Account Total	Challan Application No
1	3	NPV	49,26,15,446.40	36,66,35,828.00	85,92,51,274.00	58140599645
2	4&9	WLCP	19,47,00,340.00	NA	19,47,00,340.00	58140599645
3	12	SMC	4,86,75,085.00	NA	4,86,75,085.00	58140599645
4	2	CA	82,10,67,915.00	54,51,52,566.00	136,62,20,481.00	58140599331
			27,73,98,900.00	NA	27,73,98,900.00	58140599331
5	5	CAT	37,07,26,000.00	10,98,66,000.00	48,05,92,000.00	58140599331
6	15	De-Siltation	2,66,38,000.00	4,34,41,000.00	7,00,79,000.00	58140599331
		TOTAL DEMAND AMOUNT	223,18,21,686.40	106,50,95,394.00	329,69,17,080.00	
<div style="display: flex; justify-content: space-between;"> <div> Sign of User Agency  Mukesh Kumar, IFS Divisional Forest Officer </div> <div> Sign of DFO (Hazaribagh West) </div> <div> Sign of Nodal Officer </div> </div>						



PROJECT CUMCITY
CHANDRAGUPT SPECIAL
CHANDRAGUPT SPECIAL

CHANDRAGUPT SPECIAL
CHANDRAGUPT SPECIAL

Sl No	Particulars	Demand Raised vide	Amount Paid (RS)	UTR No	Date
1	NPV	DFO, Chatra (South) vide Ltr. No. 1129 Dtd. 31.05.2024	49,36,15,446.40	ICICR42024121100000899	11.12.2024
2	WLCP	DFO, Hazaribagh (West) vide Ltr. No. 3331 Dtd. 04.06.2024.	36,66,35,828.00	ICICR42024121100000899	11.12.2024
3	SMC	DFO Chatra (South) vide Ltr. No. 2118 Dtd. 25. 10.2024	19,57,00,340.00	ICICR42024121100000899	11.12.2024
		DFO Chatra (South) vide Ltr. No. 2117 Dtd. 25. 10.2024	4,86,75,085.00	ICICR42024121100000899	11.12.2024
		TOTAL	1102626699.00	ICICR42024121100000899	11.12.2024
4	CA	DFO, (Chatra south) vide letter No: 61 dated 07.01.2025	82,10,67,915.00	ICICR42025012700001515	27.01.2025
		DFO (Hazaribagh West) vide letter no: 216 dated 10.01.2025	54,51,52,566.00	ICICR42025012700001515	27.01.2025
		DFO, Chatra South Forest Division vide letter no : 81 dated 15.01.2025	27,73,98,900.00	ICICR42025012700001515	27.01.2025
		DFO Chatra (South) vide Ltr No: 2343 dated 29.11.2024	37,07,26,000.00	ICICR42025012700001515	27.01.2025
5	CAT	DFO Hazaribagh (West) vide Ltr No: 5987 dated 13.12.2024	10,98,66,000.00	ICICR42025012700001515	27.01.2025
		DFO Chatra (South) vide the Ltr. No. 2345 Dtd. 29.11.2024	2,66,38,000.00	ICICR42025012700001515	27.01.2025
6	De-Siltation	DFO Hazaribagh (West) vide their Ltr. No. 5989 Dtd 13.12.2024	4,34,41,000.00	ICICR42025012700001515	27.01.2025
		TOTAL	219,42,90,381.00	ICICR42025012700001515	27.01.2025
		Total Amount Paid	329,69,17,080.40		

Sign of User Agency  Sign of DFO (Hazaribagh West)  Sign of Nodal Officer
 PROJECT OFFICER
 CHANDRAGUPTA OPEN CASES
 AMRAPAL CHANDRAGUPTA

Sign of DFO (Chatra South)  Mukesh Kumar I.F.S.
 Divisional Forest Officer
 Chatra South Forest Division

 <p>Coal India Limited A Maharatna Company www.coalindia.co</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-37**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-15

Chandragupt OCP undertakes that "Regularly monitoring desilting of these village tanks and other water bodies so as to mitigate the impact of siltation of such tanks/water bodies. A detailed approved plan for de-silting of identified ponds and water bodies to be prepared in consultation with forest department and shall be submitted to MoEF& CC before Stage-II approval;

37


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
PROJECT OFFICER
CCL
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 Coal India Limited A Maharatna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 INDIA 2023
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:


Annexure-38**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-16

Chandragupt OCP undertake that *"The user agency shall explore the possibility of translocation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department. Also, the trees should be felled in phased manner as per the requirement in the approved Mining Plan with prior permission of concerned DFO"*.


 Mukesh Kumar I.F.S
 Divisional Forest Officer
 Chatra South Forest Division


 Project Officer
 Chandragupt Open Cast Project
 CCL

CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL

 <p>Coal India Limited A Mini Ratna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:


Annexure-39**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-17

Chandragupt OCP undertake that **"The cost of felling of trees shall be deposited with the help of State Forest Department."**


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 Coal India Limited A Maharatna Company www.coalindia.co	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	<div style="text-align: right;"><i>Annexure-40</i></div>  भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-40

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021


Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-18

Chandragupt OCP undertake that *"Mining will be done in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan as per the approved mining plan shall be executed by the User Agency from the very first year, and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, in the concerned State Government and the concerned Regional Office of the Ministry. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the User Agency, the Nodal Officer or the concern Addl. Principle Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities area satisfactorily executed"*.


Mukesh Kumar I.F.S
 Divisional Forest Officer
 Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL

CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL

 Coal India Limited A Maharatna Company www.coalindia.co	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-41

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021


Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-19

Chandragupt OCP undertake that *"comply with the Hon'ble Supreme Court order on re-grassing, and re-grass the mining area and any other areas which may have been disturbed due to mining to restore them to a condition which is fit for growth of fodder, flora, fauna, etc. in a timely manner"*.


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL

CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 Coal India Limited A Maharatna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-42

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021


Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division(400.96Ha) & Hazaribagh West Forest Division(298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-20

Chandragupt OCP undertake that *Period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease proposed to be granted under the Mines and Minerals (Development and Regulation) Act, 1957, as amended and the rules framed there-under*.


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL



File No.: IA-J-11015/43/2021-IA-II(M)
 Government of India
 Ministry of Environment, Forest and Climate Change
 IA Division



Dated 02/01/2025



To,

Sh. Bhushan Kumar
 M/s Central Coalfields Limited
 Durblunga House, Kutichery Road, Ranchi, Jharkhand, 834001
 E-mail: moef-parivesh.ccl@coalindia.in

Subject:

Chandragupt Opencast Coal Mine Project (area 1495 Ha having capacity 20 MTPA) by M/s Central Coalfields Limited, located at Villages: Ursu, Bhadaikhap, Sejhua, Bukra, Chatti Bariatu, Jordag, Nawa Khap, Pachanra & Peto; District: Hazaribagh & Chatra; State: Jharkhand- Grant of Environment Clearance - regarding

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/JH/CMIN/501930/2024 dated 19/10/2024 and subsequent submission of written information on 09.12.2024 seeking for grant of prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24A0101/JH5364351N
(ii) File No.	IA-J-11015/43/2021-IA-II(M)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vi) Sector	Coal Mining
(vii) Name of Project	Chandragupt Opencast Coal Mine Project
(ix) Location of Project (District, State)	CHATRA, JHARKHAND
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions	No

3. M/s Central Coalfields Limited has made an online application vide proposal no. IA/JH/CMIN/501930/2024 dated 19.10.2024 along with copy of EIA/EMP report, Forms (Part A, B and C) seeking Environment Clearance (EC) under the provisions of the EIA Notification, 2006 for the project mentioned above.

PROJECT OFFICER
 CHANDRAGUPT OPEN CAST PROJECT
 ANRAPALCHANDRAGUPT AREA, CCL

Mukesh Kumar I.F.S
 Divisional Forest Officer
 Chatra South Forest Division

4. The proposed project activity is listed at schedule no. 1(a) Mining of minerals, under Category "A" of the schedule of the EIA Notification, 2006 and being appraised at Central Level.

5. The instant Proposal was earlier considered by the EAC (Coal) in its 48th meeting held 28.08.2023 and 8th EAC meeting held on 28.02.2024 and the proposal was returned in its present form. The proposal was further considered in 18th EAC meeting held on 27th November 2024. The MoM for the same may be seen using the web link: parivesh.nic.in.

Details submitted by the project proponent

6. The project of M/s Central Coalfields Limited is for setting up a new opencast coal mining project in the lease area of 1495 Ha for 20 MTPA capacity located at villages: Urna, Bhadaikhop, Sejhua, Bokra, Chatra Bariatu, Jordag, Nawa Khap, Pachanra & Peto; district: Hazaribagh & Chatra of state Jharkhand.

7. Details of ToR are furnished below:

Date of Application	Details	Date of Accord	ToR Validity
26.05.2021	Online Proposal No. IA/JH/CMIN/208302/2021; File No. IA-11/115/43/2021-IA-II(K)	13.09.2021	4 Years (valid till 12.09.2025)

8. Environmental Site Settings: PP submitted that the project area is covered under Survey of India Topo Sheet No. 73A/13 & 73E/1 and is bounded by latitudes 23°51'22.45" N to 23°54'37.00" N and longitudes 85°01'15.39" E to 85°03'11.60" E (WGS-84).

Project site is located in Hazaribagh District, which is a Severely Polluted Area as per CEPI Assessment 2018. However, the project site is not situated in the SPA specified areas of Hazaribagh and PP has submitted a letter from Jharkhand State Pollution Control Board in this regard. This aspect has also been verified through DSS KML. Hence, Project does not fall in the Critically Polluted Area (CPA)/ Severely Polluted Area (SPA), as per CEPI Assessment 2018 by CPCB.

Forest Area: The project involves total 699.38 Ha of forestland the details of the approval obtained for the forestland is as follows:

S. No.	Obtained vide letter No.	Area (in Ha)	Stage I/II	Validity
1	FC issued vide file no-8-24/2023-FC dated 27.05.2023	699.38 Ha	Stage-I	Co-terminus with the period of the mining lease under the Mines and Minerals (Development and Regulation) Act, 1957

Out of the total forestland, 400.96 Ha of forestland falls in Chatra South District and 298.52 Ha of forestland falls in Hazaribagh West District. PP submitted that there is no broken forest land and there is no violation of Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980

Protected Area: PP submitted that the project is not located within 10 KM of any ESZ/ ESA/ National Park/ Wildlife Sanctuary/ Biosphere Reserve/ Tiger Reserve/ Elephant Reserve/ Tiger Corridor/ Elephant corridor etc and there is no violation of WLP Act. PP has submitted a letter of PLCCF dated 16.04.2024 stating that "Chandragupt OCP, CCL does not fall under any notified Corridor, Sanctuary or ESZ".

PP submitted that 21 nos of Schedule-I species have been identified to be present in the study area, as per the baseline study and authenticated list of flora and fauna, namely Asiatic Elephant (*Elephas maximus indicus*), Indian Pangolin (*Manis crassicaudata*), Sloth Bear (*Ursus ursinus*), Jackal (*Canis aureus*), Jungle Cat (*Felis chaus*), Small Indian Mongoose (*Urva auropunctata*), Grey Mongoose (*Urva edwardsii*), Asian Palm Civet (*Paradoxurus hermaphrodites*), Striped Hyena (*Hyena hyena*), Porcupine (*Hystrix indica*), Python (*Python molurus*), Cobra (*Naja naja*), Russell's Viper (*Daboia russelii*) Checkered Keelback (Water Snake) (*Fowlea piscator*), Rat Snake (*Ptyas mucosus*), Monitor Lizard (*Varanus bengalensis*), Indian Chameleon (*Chamaeleo zeylanicus*), Indian flap Shell turtle (*Lissemys punctata*), etc. A detailed wildlife management plan for the study area with budgetary provisions of Rs. 5360.96 Lakhs has been prepared and submitted to DFO for approval. Consequently, the revised wildlife management plan as per the suggestions of DFO was again submitted to DFO vide GM (AC)/PO(Chandragupt)/ 24-25/257, dated 24.08.2024 for approval of CWLW.

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division
Chatra District

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
JHARKHAND
24/08/2024 CCL

Mine Lease Area: PP submitted that the instant proposal is proposed on 1495 Ha and the said land was acquired under CBA Act. Details of the ML area acquired are as follows:

S. No.	Govt. Order/Notifications as the case may be	Date	Area (ha)
1	SO notification 1299 under CBA Act	25.05.2017	1348.78
2	SO notification 4943(E) under CBA Act	14.11.2023	170.72
Total			1519.50

The Mine Lease been allotted is for 1519.50 Ha. However, mine plan is prepared by projecting an area of 1495 Ha within the acquired area as per the aforesaid notifications.

9. Method of Mining and Mine Plan & Mine Closure Plan:

i. The Mine Plan and Mine Closure Plan of Chandragupt OCP revised as per the directions of 8th EAC Meeting held on 28.02.2024 is approved by the Board of Directors of M/s CCL on 22.07.2024 in its 541st Meeting.

ii. Total geographical reserves reported in the mine lease area of 1495 Ha is 709.26 MT. Out of which mineable and extractable reserves are 465.59 MT. Percentage of extraction is 100%.

iii. There are total 9 nos. of working seams.

iv. The method of mining to be adopted is Opencast mining by fully mechanized method.

v. The life of mine is 41 years.

vi. The total estimated volume of overburden is 928 Mcum. Of this 37.53 Mcum of OB will be generated during initial 6 years and will be dumped externally in 3 different locations on the coal bearing area. Starting from the 6th year, this external dump will be re-handled into the mine void of Chandragupt OCP.

vii. Land use details:

A. Pre-mining land use:

S. no.	Type of Land	Area (Ha)
1.	Forest Land	699.38
2.	Agricultural Land	570.26
3.	Grazing Land	0.58
4.	Barren Land	7.72
5.	Surface Water Bodies	26.3
6.	Settlement	3.00
7.	Roads/Other Infrastructure	12.88
8.	Tenancy Land, Govt. Land and Religious Places	174.88
Total		1495

B. Post-mining land use:

S. No.	Type of Land	Agriculture	Plantation	Water Body (Ha)	Public/ Company use (Ha)	Total (Ha)
1.	Quarry Backfilled Area	198.02	880.93	-	-	1078.95
2.	Excavated Void	-	26.68	94.77	-	221.45
3.	Green Belt & Safety Zone	-	112.45	-	-	112.45
4.	Stream Diversion and River	-	-	15.02	-	15.02
5.	Built-up Area	-	26.44	-	24.26	50.70
6.	Embankment	-	16.43	-	-	16.43

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7.	Total	198.02	1062.93	209.79	24.26	1495.00
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viii. Transportation of coal:

- In-pit: Combination of in-pit conveyor belt and rear loading of dumper.
- Surface to siding: Belt Conveyor.
- Siding to loading: Rail (silo loading)

Initially, till the commissioning of pit-head CHP, coal will be dispatched through dedicated coal transportation route to nearby Shivpur railway siding which is at around 8 kms away from the project by tipping trucks.

ix. Details of reclamation:

- Total Afforestation plan will be implemented covering an area of 1266.63 (includes 198.02 ha agroforestry) ha at the end of mine closure.
- 1078.95 Ha of internal dump will be covered with plantation and agroforestry of 880.93 Ha and 198.02 Ha respectively.
- Greenbelt will be developed in an area of 112.45 Ha with the density of 2500 plants per Ha.
- A void of 221.45 Ha at a depth of 40 m to 50 m, is proposed to be transformed into a water body covering 194.77 hectares, while 26.68 hectares will be designated for planting.
- Plantation of 42.87 hectares is proposed for the CHP land, as well as for the road, infrastructure, and embankments.

10. Baseline Data: Baseline data was generated from 1st March 2022 to 31st May 2022 and 1st March 2024 to 31st May 2024.

11. Details of Water Requirement: The water requirement reported during construction phase is 200 KLD and during the operational phase is 6760 KLD. Source of water proposed to be used is groundwater for which PP has obtained NOC vide Ref No: CGWA/NOC/MIN/ORIG/2024/21001 Dated: 19.11.2024, valid till 18.11.2026 for extraction of 6420 KLD. PP also submitted that Chotki River is proposed for diversion and a detailed study for the same has been done by JIT Roorkee, wherein DPR of stream diversion was prepared and submitted to Water Resource Dept. of Jharkhand. Diversion of Chotki stream was recommended by the Chief Engineer (WRD), Ranchi vide letter no C.E./.../645/2022/230 dated 25.04.2023 and forwarded the proposal for issuance of NoC. However, the issuance of NoC is awaited due to the departmental process for "Approval of guidelines for Nala Diversion" is currently in progress.

12. Public Hearing: The proposed project falls in 2 district, namely Hazaribagh District and Chatra District. Hence the PH has been conducted by the PP in both the districts. Details of the same are as follows:

Details of Public Hearing and related issues of Hazaribagh District: The advertisement for Public Hearing of Hazaribagh District was given in Prabhat Khabar and Hindustan Times Newspapers dated 20.01.2023 for 21.02.2023. The Public Hearing took place on 21.02.2023 at Bazar Tand, Chatti Baraita Village, Keradari Block, Hazaribagh District, under the chairmanship of Shri Vinod Kumar, District Land Acquisition Officer, Hazaribagh and in the presence of Shri Ashok Kumar Yadav, Regional Officer, Hazaribagh, JSPCB and Shri. Ashutosh, Representative of Member Secretary, JSPCB Ranchi HQ. It was attended by 314 nos of person and the major issues raised during the PH were related to pollution and damage to environment, degradation of forest land, employment, land authentication, R&R, education, Health, general amenities, loss of livelihood and skill development.

Details of Public Hearing and related issue of Chatra District: The advertisement for Public Hearing of Chatra District was given in Prabhat Khabar and Times of India Newspapers dated 20.01.2023 for 23.02.2023. The Public Hearing took place on 23.02.2023 at Purana Devi Mandap, Ursu village, Tandwa Block, Chatra District, under the chairmanship of Shri. Gaurang Mahto, District land Acquisition Officer, Chatra and in the presence of Shri. Ashok Kumar Yadav, Regional Officer, JSPCB Hazaribagh and Shri Kumar Gaarav Jain, Representative of Member Secretary, JSPCB Ranchi HQ. It was attended by 196 nos of person and the major issues are related to pollution and damage to environment, degradation of forest land, employment, land authentication, R&R, education, Health, general amenities, loss of livelihood and skill development.

Combined Action Plan for both the Districts as per MoEF&CC OM dated 30.09.2020

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Chatra Sub-forest Division

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S. no.	Activities Proposed along with Timeline of Implementation	Capital (in Lakhs)	Revenue (in Lakhs)	Total Cost (in Lakhs)
1	Education			
a	Providing Basic Amenities in 16 schools of 9 villages (Nawakhap, Jordag, Chatti Bariatu, Sijhua, Bukru, Badhaikhap and Peto of Hazaribagh District and Serandag and Ursu villages of Chatra Dist) (Smart Classes, computers, toilets, boundary wall, drinking water, library, sports, uniform, desks and benches)			
1 st Year	Deep boring at 5 schools costing 35 lakhs (Nawakhap, Chatti Bariatu, Sijhua, Ursu, Badhaikhap)	35	0	35
	Furniture in 3 schools costing 1 Lakh & Distribution of Utensils for 8 Schools costing 1 Lakh (All 2 Villages)		0	2
	Smart classrooms 10 nos. schools costing 20 Lakhs (Nawakhap, Chatti Bariatu, Jordag, Badhaikhap and Peto)		0	20
2 nd Year	Provision of RO filters at 5 schools with 10 Lakhs (Nawakhap, Chatti Bariatu, Sijhua, Ursu, Badhaikhap)	10	0	10
	Toilets at 5 schools costing 50 Lakhs (Nawakhap, Chatti Bariatu, Badhaikhap, Bukru and Peto) and Building renovation of Bukru school 20 lakhs	70	0	70
	5 sets of computers to 5 schools costing 10 Lakhs (Sijhua, Serandag, Ursu, Bukru and Badhaikhap)	10	0	10
3 rd Year	Construction of boundary wall at 8 schools costing 40 lakhs (Jordag, Chatti Bariatu, Sijhua, Bukru, Badhaikhap, Peto, Serandag and Ursu villages)	40	0	40
	Building renovation Peto School costing 10 Lakhs	10	0	10
1 st to 10 th Year (Revenue)	Distribution of Uniforms, books and sports utility materials to 10 no. of schools in 9 villages costing 100 lakhs per year for 10 years		100	100
b	Providing Amenities in 12 no. of Anganwadis in nearby 7 villages (Nawakhap, Jordag, CB, Peto, Badhaikhap and Bukru Villages of Hazaribagh Dist. and Serandag of Chatra Dist.) List of Activities: Toilets, boundary wall, drinking water, Fans, utensils, playing toys, uniform, Floor mats, benches etc.			
1 st Year	Distribution of Utensils and floor mats for 12 Anganwadis costing 2 Lakhs (All villages)	2	0	2
2 nd Year	Construction of Toilets for 4 centres 10 Lakhs (CB, Serandag and Bukru)	10	0	10
	Boundary wall and drinking water to 2 centres costing 10 Lakhs (Sijhua, Badhaikhap)	10	0	10
1 st to 10 th Year (Revenue)	Distribution of Uniforms, books and sports utility materials to 10 no. of schools in 9 villages costing 10 lakhs per year for 10 years		10	10
2	Enhancement of Green cover in nearby villages under the Campaign "Ek Ped Ma ke Naam"			
a	Plantation of Fruit Bearing Saplings at 37 locations including 28 Schools and Anganwadis, and 9 Village Community Buildings in 7 villages of Hazaribagh Dist. (Nawakhap, Jordag, Chatti Bariatu, Sijhua, Bukru, Badhaikhap and Peto) and 3 villages of Chatra Dist. (Ursu, Serandag and Tandwa)			
1 st to 7 th Year (Capital)	Plantation of Fruit Bearing saplings at 37 identified locations @1000 saplings per year, costing 1.5 Lakhs/year	10.5	0	10.5
1 st to 10 th Year (Revenue)	Maintenance of Plantation @ 0.75 Lakhs/ year	0	7.5	7.5
b	Distribution of Fruit Bearing saplings 5000 nos every year to nearby villagers for Both Chatra and Hazaribagh			

S. no.	Activities Proposed along with Timeline of Implementation	Capital (in Lakhs)	Revenue (in Lakhs)	Total Cost (in Lakhs)
<i>Districts</i>				
	1 st to 10 th Year (Revenue) Distribution of Fruit Bearing saplings 5000 nos every year under the campaign "Ek Ped Ma ke Naam" with an estimated Capital Cost of Rs. 7.5 Lakhs /year for 10 years	0	75	75
3	<i>Health Facilities Ambulance Facilities with Life Support System and Periodic Health camps for PAFs of Both Chatra and Hazaribagh Districts of Jharkhand.</i>			
a.	1 st to 10 th Year (Revenue) Ambulance with Basic Life Support System with nursing assistance and BP, oxygen monitoring equipment and Oxygen delivery services at Revenue Cost Rs. 25.55 Lakhs/ Year for 10 years	0	255.5	255.5
b.	1 st to 10 th Year (Revenue) Transport Ambulance System for nearby villages for 10 years with Revenue Cost Rs. 9.13 Lakhs/ year.	0	91.3	91.3
c.	1 st to 10 th Year (Revenue) Conducting health camps bi annually with Health Consultation including check-ups, pathological tests and basic medicines Distribution @ Cost Rs. 10 Lakhs per year for next 10 years	0	100	100
4	<i>Drinking Water Facility (Solar Powered Borewells with overhead tank and R.O. System at 6 locations in 5 no. of villages (Sijhua, Choti Bokra, Badhaikhap, Bokra and Peto villages of Hazaribagh Dist. and Ursu Village of Chatra Dist.)</i>			
a.	1 st Year Construction of Bore wells with OHT at 6 locations with Capital Cost of Rs. 72 Lakhs	72	0	72
b.	2 nd Year to 3 rd Year Commissioning of RO plants at 6 locations @ capital cost of 50 Lakhs	50	0	50
c.	4 th Year to 10 th Year Maintenance of RO Plants till 10 th year of mine operation with an estimated revenue cost of Rs. 1.500 Lakhs per year from 3 rd year to 10 th year		12	12
5	<i>Rejuvenation of Ponds (Restoration and rejuvenation of 57 no. of ponds (32 in buffer zone and 25 in core zone), activities including de-siltation, earthen embankment, plantation and grassing on slopes and aerator for pisciculture) Villages: Serandag, Kumaram Kalan, Kishampur, Dindwa and Ursu villages of Chatra Dist and Sisai, Jordeg, Chatti Bariatu, Bokra, Badhaikhap, Peto etc. of Hazaribagh Dist.</i>			
a.	1 st to 3 rd Year Construction of Embankment for 57 ponds in nearby villages costing Rs. 60.64 Lakhs	60.64	0	60.64
	Planting and grassing on the embankments costing 41.80 Lakhs	41.8	0	41.8
	Provision of Aerator for Pisci-culture for 4 no. of Ponds costing 2.50 Lakhs	2.5	0	2.5
b.	1 st to 10 th Year (Revenue) De-siltation and cleaning of Ponds once in two years, maintenance of embankment and grassing costing 641.06 Lakhs over a period of 10 years.	0	641.06	641.06
6	<i>Skill development (Skill development training in various trades i.e. Electrician, Welder, HVM, Fitter etc.) of Nawakhap, Jordeg, Chatti Bariatu, Sijhua, Bokra, Badhaikhap and Peto of Hazaribagh District and Serandag and Ursu villages of Chatra Dist</i>			
a.	1 st to 10 th Year (Revenue) Skill development training in various trades i.e. Electrician, Welder, HVM, Fitter etc. for 50 beneficiaries each year for next 10 years @ 17.5 Lakhs/year	0	175	175
Grand Total in Rs. Lakhs		456.44	1467.36	1923.8

13. EMP Cost: The capital cost of the proposed project is Rs 973.50 Crores and the capital cost for environmental protection measures is proposed as Rs 190.33 Crores. The annual recurring cost towards environmental protection

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measures is 4.71 Cr. The employment generation from the proposed project / expansion is 2068. The details of cost for environmental protection measures is as follows:

S. No.	Description of Item	Proposed in Lakhs	
		Capital	Recurring
1	Air Environment	1182.00	245.56
2	Water Environment	1647.00	40.93
4	Land Environment including conservation plan and other*	16204.96	185.00
	Total	19033.96	471.49

14. Details of Solid and Hazardous Waste: The details of solid and hazardous waste generation along with its mode of treatment/ disposal is furnished as below by the PP:

S. No.	Type of Waste	Source	Applicable Rule	Quantity	Disposal
1	Municipal Solid Waste	Township, Administrative Buildings, Canteen and other.	Solid Waste Management Rule 2016	3002.5 kg/day	Biodegradable Waste: Energy or resource recovery by Conventional composting/ vermicomposting/ WTE plant/ Biogas plant etc. Non-Biodegradable Waste: Given to the waste collectors or agency as directed by the local body as per MSW rules, 2016.
2	Hazardous Wastes	Used Oil & Lubricants from HEMM/ Machineries	Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016	30 TPA	Disposed off through MoEF&CC, SPCB, or CPCB Authorized Operator.
3		Settled Sludge from ETP		1068 kg/day	Disposed off into Landfill through MoEF&CC, SPCB, or CPCB Authorized Operator.
4		Oil & Grease Sludge from ETP		15 kg/day	Disposed off through MoEF&CC, SPCB, or CPCB Authorized Operator.

15. Power Requirement and details of diversion of Hi-Tension Transmission Line: Maximum power demand 1,00,46 KVA. PP submitted that two electricity transmission line of 11-KV & 33-KV are also proposed for diversion in first 5 years. PP submitted that a letter in this behalf was written to the electricity board and the demand draft raised by them has been paid.

16. Plantation: PP submitted that proposed greenbelt and safety zone will be developed in 112.45 ha which is about 8 % of the total project area. A 7.5 m wide greenbelt, consisting of at least 3 tiers around mine boundary will be developed as greenbelt & Safety zone and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 1600 trees per hectare in Greenbelt. Total no. of 1,80,000 seedlings will be planted and nurtured in 112.45 hectares in 05 years. Total plantation will be carried out in 1266.63 Ha landfilled area, dismantled infra and others.

17. Project Cost: The Capital Cost of project is Rs. 973.50 Crores. The fund for the CSR will be allocated based on 2% of the average net profit of the company for the three immediately preceding financial years or Rs 2.00 per tonne of Coal Production of the previous year whichever is higher. Cost for implementing EMP is submitted to be Rs. 190.33 crores as capital cost and Rs. 4.71 crore as recurring cost per year.

18. R&R Issues: PP submitted that are total 9 villages in the project area. Out of these, 3 villages will be completely settled. PP submitted that there will be 1612 PAFs. Cost of R&R is 215 Crore.

19. Undertaking/ Affidavit: PP vide undertaking dated 19.11.2024 submitted that the information provided in Form-1 in PARIVESH, to the Ministry/EAC members and PPT presentation during the EAC meeting to be held on 27th November 2024 have no deviation in respect of the proposal no: IA/JH/CMIN/501930/2024 for EC for coal mining having 1495 Ha of ML Area and capacity of 20 MTPA for Coal Mine Project located at village: Badhaikhap, Bakra, Chatti-Bariyatu, Jordag, Nawakhap, Pachra/Pachanda, Peto, Sijhua and Urua Villages in District: Hazaribagh and Chatra State: Jharkhand State by M/s. Cental Coalfields Limited. Further certified that there are no data entry errors in the information uploaded in

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PARIVESH system including names/email-id/mobile numbers/address of the project proponent, authorized person, etc. It is also certified that the supporting documents uploaded on PARIVESH portal are correct and duly authenticated by the Authorized Signatory and in case any deviation in data found in any of the documents, the Authorized Signatory shall be held responsible and furthermore, the above said project shall be rejected for grant of EC.

20. Legal issue /Violation: PP submitted that a litigation in Hon'ble High Court of Jharkhand is pending and first hearing date of the case is awaited. PP submitted that a litigation (W.P.(C) No.5493 of 2023) is pending before the Hon'ble High Court of Jharkhand and first hearing date of the case is awaited. The case pertains to Public Hearing held for the project and MoEF&CC is not impleaded as a respondent in the matter.

21. Written Submission: Project Proponent has submitted the following in writing:

Points	Written submissions made				
Revised post-mine closure plan	PP submitted the revised post-mining land use plan for Chandragupt OCM, wherein, reducing the mine void to be converted into water from 194.77 Ha to 46.31 Ha and increasing the plantation from 26.68 Ha to 175.14 Ha.				
Undertaking for diversion of coal transportation route; rehabilitation of houses near the transportation route of Bingat village	PP submitted an undertaking that: 1. Steps shall be taken to explore an alternative coal transport route for the project to protect local community along Bingat. 2. Rehabilitating the houses of Bingat near coal transportation route. 3. Rehabilitating the houses of Bingat near coal transportation route.				
Revised timeline for Environmental Control Measures	PP submitted the revised timeline for implementation of Environmental Control Measure, which is as follows: Capital Cost of Environmental Control Measures in Lakh A. Air Pollution Control Measures				
	S. No.	Pollution Control Measure	Capital Cost	Earlier Timeline	Revised Timeline
	1.	7 no. Mobile Mist type Sprinkling system within Quarry and Dump	381	4 nos. for initial 5 years and 7 nos. from 6th Year	4 nos. from start of Mine Operation and 7 nos. from 6th Year
	2.	Black topping road of 1 km from Mine to T Junction Bingat	200	1st year of mine operation	Prior to Mine Operation.
	3.	Black topping of Coal transportation Haul road from Ming (Section 1,2 & 3) to CHP	100	3rd year of mine operation	3rd year of mine operation
	4.	Fixed Mist type sprinkling system on Haul Road for length of around 2.5 km	200		
	5.	Closed crushing and Automated sprinkling system	Covered under CHP Cost	3rd Year of mine operation	3rd Year of mine operation
	6.	4 no. of Fixed Fog cannons for Dust Suppressions at CHP	26		
	7.	Permanent Wind screens at CHP around 500 m	50		
	8.	1 no. of Mobile fog cannon along CTR from Mine to Amrapali Entry Point	45	From 1st year to 3rd year of mine operation	Prior to Mine Operation
	9.	Permanent Wind screens on CTR near Bingat village from High level bridge to T-junction around 500 m	50		
	10.	2 no. of Continuous Ambient Air	130	1st year of mine	Prior to Mine

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	Quality Monitoring System		operation	Operation
	Sub Total (A)	1182		
B. Water Pollution Control Measures				
S. No.	Pollution Control Measure	Capital Cost	Earlier Timeline	Revised Timeline
11.	ETP of 300 KLD Capacity consisting of Oil and Grease Trap and Settling ponds with recycling arrangement	100	To be Completed during 1st year of mine operation	Prior to Mine Operation
12.	STP (1 MLD) with Primary and Biological treatment systems to be provided at Colony and office premises	250	To be Completed during 3rd year of mine operation	To be Completed during 3rd year of mine operation
13.	Toe Wall and Garland Drain with Sequential Settling ponds to treat run-off from OB Dump and other industrial Premises	402	As per the Mine development plan	As per the Mine development plan
14.	Construction of Sequential Settling ponds to treat mine seepage	250		
15.	Protection of Surface water bodies including diversion of Chotki Stream and construction of Embankment	425	As per the Nala diversion plan and mine development plan	As per the Nala diversion plan and mine development plan
16.	Roof-top Rain water Harvesting at Office and residential buildings	80	To be completed by the 3rd year of mine operation	To be completed by the 3rd year of mine operation
17.	Treated Drinking Water Supply to Colony and Office	80		
18.	Installation of Piezometer with Telemetry for monitoring of ground water level	60	To be Completed during 1st year of mine operation	Prior to Mine Operation
	Sub Total (B)	1647		
C. Land Reclamation				
19.	Progressive reclamation of degraded land	10844	As per the progressive reclamation plan	As per the progressive reclamation plan
20.	Conservation Plan of Scheduled species (WLMP)	5360.96	To be taken up as per the approved Wildlife Management Plan	To be taken up as per the approved Wildlife Management Plan
	Sub Total (C)	16204.96		
	Grand Total (A)+(B)+(C) in Rs. Lakhs	19033.96		
NoC of CGWA	PP obtained NOC from CGWA vide Ref No: CGWA/NOC/MIN/ORIG/2024/21001 Dated: 19.11.2024, valid till 18.11.2026 for extraction of 6420 KLD.			

Deliberations and Observations of the Committee:

22. The Committee noted the following:

- The instant proposal is a greenfield project for grant of Environment Clearance (EC) for Chandragupt Opencast Coal Mine Project of M/s Central Coalfields Limited, located at Villages: Ursu, Bhadaikhap, Sejhua, Bukru, Chatti Bariatu, Jorlag, Nawa Khap, Pachaura & Peto, District: Hazaribagh & Chatra; State: Jharkhand.

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Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

ii. This proposal has been earlier appraised in 48th EAC meeting held on 28.08.2023 and 8th EAC meeting held on 28.02.2024 and the proposal was returned in its present form. Now the proposal is again placed in 18th EAC meeting held on 27.11.2024 before the EAC for appraisal wherein proponent has submitted point wise reply to the observations of EAC.

iii. The EAC took into consideration the project site through KML file on the Google Earth presented by the project proponent along with DSS of the project site on PARIVESH. Project site is located in Hazaribagh District, which is a Severely Polluted Area as per CEPI Assessment 2018. However, the project site is not situated in the SPA specified areas of Hazaribagh and PP has submitted a letter from Jharkhand State Pollution Control Board dated 05.10.2023 in this regard. Hence, Project does not fall in the Critically Polluted Area (CPA)/ Severely Polluted Area (SPA), as per CEPI Assessment 2018.

iv. The total mine lease area is 1495 Ha and it involves forestland of 699.38 Ha. Stage 1 FC for the forestland was accorded on 27/05/2024. Further, the project is not located within 10 km of any ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve/ tiger corridor/elephant corridor etc. PP also submitted a letter from PCCF dated 16.04.2024, wherein it is mentioned that "Chandragupt OCP, CCL does not fall under any notified Corridor, Sanctuary and ESZ."

v. PP submitted that 21 nos of Schedule-I species have been identified to be present in the study area, as per the baseline study and authenticated list of flora and fauna. A detailed wildlife management plan for the study area with budgetary provisions of Rs. 5360.96 Lakhs has been prepared and submitted to DFO for approval. Consequently, the revised wildlife management plan as per the suggestions of DFO was again submitted to DFO vide GM (AC)/PO(Chandragupt)/ 24-25/257, dated 24.08.2024 for approval of CWI/W. The DFO has approved the WLCP and has forwarded the same to RCCF for further processing.

vi. Terms of Reference was granted on 13.09.2021. ToR is valid till 12.09.2025.

vii. The Committee deliberated on the Carbon Sequestration Study done by the proponent and is of the opinion that the PP should continue the Carbon Sequestration Study monitoring through MoEFCC institution (eg: ICTRE) for next 3 years including carbon emissions from coal mining.

viii. Committee deliberated on the Ecological Assessment Study conducted for River/ Streams passing through the ML Area. The Committee is of the opinion that a biodiversity conservation plan in the riparian zone should be prepared and implemented in this regard.

ix. The Committee deliberated on the water requirement for the said project and diversion of any river, nullah, if proposed. PP submitted that the water requirement during construction phase is 200 KLD and during the operational phase is 6760 KLD (peak requirement). Source of water proposed to be used is groundwater for which PP has obtained NOC vide Ref No: CGWA/NOC/MIN/ORIG/2024/21001 Dated: 19.11.2024, valid till 18.11.2026 for extraction of 6420 KLD. PP also submitted that Chotki River is proposed for diversion and a detailed study for the same has been done by IIT Roorkee, wherein DPR of stream diversion was prepared and submitted to Water Resource Dept. of Jharkhand. Diversion of Chotki stream was recommended by the Chief Engineer (WRD), Ranchi vide letter no C.E. (WRD)/645/2022/230 dated 25.04.2023 and forwarded the proposal for issuance of NoC. However, the issuance of NoC is awaited due to the departmental process for "Approval of guidelines for Nala Diversion" is currently in progress.

The Committee is of the opinion that, the Chotki river should be diverted only after receiving the NoC from Water Resource Department of Jharkhand and no other river or nullah should be diverted.

x. Committee deliberated on the method of transportation proposed for Coal. The Committee is of the opinion that the construction of CHP must be completed within 3 years of grant of EC. Committee also deliberated on the dedicated coal transportation road which shall be used for transportation of coal. It was observed that there are a few houses besides the transportation road. Committee is of the opinion that, these houses shall be either rehabilitated or, if possible the particular road shall be diverted. PP submitted that, the houses besides the road will be rehabilitated and also submitted an undertaking in this behalf. The Committee also opined that plantation should be done on the transportation route and fog cannons must be installed for dust suppression.

xi. The Committee deliberated on the Public Hearing and observed that the PH was conducted in two districts, as the project area falls in 2 different districts, i.e., Hazaribagh District and Chatra District. PH in Hazaribagh district was conducted on 21.02.2023 and PH in Chatra District was conducted on 23.02.2023 and major issues raised during the PH in

Mukesh K. Jaiswal
Divisional Forest Officer
Chatra South Forest Division

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
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both the districts were related to pollution and damage to environment, degradation of forest land, employment, land authentication, R&R, education, Health, general amenities, loss of livelihood and skill development.

The Committee deliberated on the Court Case pending on the project at Hon'ble High Court of Jharkhand, which alleges a defective Public Hearing held for the project. PP submitted that the first hearing of the same is yet to happen and they shall abide by the order of the court.

xii. The Committee deliberated on dumping of OB and is of the opinion that no OB dumping shall be done outside the ML area.

xiii. Committee deliberated on the plantation activities proposed by the PP. PP submitted that the proposed greenbelt and safety zone will be developed in 112.45 Ha which is about 8 % of the total project area. A 7.5 m wide greenbelt, consisting of at least 3 tiers around mine boundary will be developed as greenbelt & Safety zone and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 1600 trees per hectare in Greenbelt. Total no. of 1,80,000 saplings will be planted and nurtured in 112.45 hectares in 05 years. Total plantation will be also be carried out in 1266.63 Ha backfilled area, dismantled infra and others. The Committee is of the opinion that the final void area as proposed should be reduced and plantation should be accordingly increased. PP submitted that the void of 194.77 Ha, which was supposed to be converted into a water body as per the approved mine plan will be reduced to 46.31 Ha and remaining 148.46 Ha land will be developed with plantation. Committee also suggested for the concurrent plantation plan to be implemented from 1st year onwards.

xiv. Committee is of the opinion that crop compensation shall be given to the farmers in case there is decrease in the production due to the mining activities.

xv. Committee is of the opinion that the proponent must develop an inhouse Environment Management Cell with qualified personnel to make sure the implementation of all the mitigative measures and conditions for the safeguards of the environment.

xvi. Committee deliberated on the revised budget associated with EMP and Public Hearing and suggested to revise the timeline of the proposed environmental control measures. PP made the necessary changes and submitted the same as part of written submission.

xvii. The Capital Cost of project is Rs. 973.50 Crores. Cost for implementing EMP is submitted to be Rs. 190.33 crores as capital cost and Rs. 4.71 crore as recurring cost per year.

xviii. Committee also deliberated on the measures proposed towards the SDGs 2030 and suggested installation of Solar Roof Top Panels and Solar Street Lights as one of the measures towards it.

xix. The Committee deliberated on the baseline data and incremental GLC due to the proposed project and observed that AAQ levels are within NAAQS.

xx. The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components.

xxi. The EAC also deliberated on the written submission of the project proponent and found it satisfactory.

Recommendations of the Committee:

23. Based on the discussions held and the documents submitted, the EAC recommended the proposal of Environment Clearance for Chandragupt Opencast Coal Mine Project (area 1495 Ha having capacity 20 MTPA) by M/s Central Coalfields Limited, located at Villages: Ursu, Bhadaikhap, Sejhua, Bukra, Chatti Bariatu, Jordag, Nawa Khap, Pachanra & Peto; District: Hazaribagh & Chatra; State: Jharkhand under the provisions of EIA Notification, 2006 (as amended), subject to the compliance of the following specific conditions in addition to the general/Standard EC conditions (Annexure-I).

24. The MoEF&CC has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the EAC hereby accords Environmental Clearance to M/s. Central Coalfields Limited for Chandragupt Opencast Coal Mine Project

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMTAPALI CHANDRAGUPT AREA, CCL

(area 1495 Ha having capacity 20 MTPA), located at Villages: Ursu, Bhadaikhp, Sejha, Baku, Chatti Bariatu, Jondig, Nawa Khap, Pachanta & Pcto; District: Hazaribagh & Chatra; State: Jharkhand subject to compliance of the Specific Environmental safeguard Conditions in addition to the standard EC conditions (Annexure-I).

25. The proponent shall obtain all necessary clearances/approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection. The Ministry or any other competent authority may stipulate any further condition for environmental protection.

26. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.

27. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.

28. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

29. General Instructions:

(i) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC website where it is displayed.

(ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.

(iii) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringement/deviation/violation of the environmental / forest / wildlife norms / conditions.

(iv) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

(v) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

(vi) The Regional Office of this MoEF&CC shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

(vii) Validity of EC is as per the provision of EIA Notification, 2006 and its subsequent amendment.

30. This issue with an approval of the Competent Authority.

Yours faithfully,

(Sunder Ramnathan)
Scientist 'F'
Tel: 011- 20819378

Mukesh Kumar, IAS
Divisional Forest Officer
Chatra South Forest Division

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA

Copy To

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi.
2. The Secretary, Department of Environment & Forests, Government of Jharkhand, Secretariat, Ranchi.
3. Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office, 2nd Floor, Headquarter- Jharkhand State Housing Board, Harnu Chowk, Ranchi, Jharkhand - 834 002.
4. The Chairman, Jharkhand State Pollution Control Board, TA building, HEC complex, PO Dharwa, Ranchi.
5. The Member Secretary, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32.
6. The Chairman, Central Ground Water Authority, Ministry of Water Resources, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi
7. The Regional Director, Central Ground Water Board, Mid-Eastern Region, 6th & 7th Floor, Lok Nayak Jai Prakash Bhawan, Frazer Road, Dak Banglow, Patna- 800011, Bihar.
8. The District Collector, Hazaribagh & Chatra, Government of Jharkhand.
9. PARIVESH Portal.

Annexure 1

Specific EC Conditions for (Mining Of Minerals)

1. A. Specific Conditions

S. No	EC Conditions
1.1	No mining operations shall be undertaken in Forestland, until Stage - II forestry clearance for 699.38 Ha has been obtained under the provisions of Van (Sanrakshan Evam Samvardhan) Adhinyam, Act 1980.
1.2	Project proponent shall abide by the final order of the litigation (W.P.(C) No.5493 of 2023) pending before the Hon'ble High Court of Jharkhand.
1.3	PP shall divert Chotki Nallah only after obtaining NoC from the Water Resource Department of Government of Jharkhand.
1.4	PP shall divert the Chotki Nallah in a manner that its construction for diversion shall be covered in one go without extended period and work plan shall be designed to complete the diversion avoiding Monsoon season (i.e. effective working months of non monsoon season). Embankment height shall be maintained on both side of nallah with sufficient free board upto 3 mts from its HFL.
1.5	PP shall maintain 50 mts width of embankment all along the diverted stream/nallah (Chotki) and shall carry out dense plantation with fruit bearing native species.
1.6	The diversion of Chotki Nallah shall be monitored by RO and complete report with the drone video and satellite imagery shall be submitted to concerned Regional Office of MoEF&CC along with the six monthly compliance report.
1.7	PP should complete the construction of CHP within 02 years from the date of grant of EC and no further extension in this regard will be granted. Till such time, coal shall be dispatched through dedicated coal transportation route to nearby Shivpur railway siding by covered trucks which is

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
ANRAPALI-CHANDRAGUPT AREA, CCL

S. No	EC Conditions
	about 8 kms away from the mine lease area.
1.8	No river/ nallah other than Chotki nallah shall be diverted.
1.9	Plantation must be done on both the sides of coal transportation road and fog canons must be installed for dust suppression before the commencement of the mining operation.
1.10	PP should continue the Carbon Sequestration Study monitoring through ICFRE for next 3 years including carbon emissions from coal mining. Compliance status in this regard shall be submitted along with the six monthly compliance to the concerned Regional Office and also kept on the web portal of the company.
1.11	PP shall conduct the Ecological Assessment Study for River/ Streams passing through the ML Area through a reputed Government Institution and must prepare and implement a biodiversity conservation plan in the riparian zone. Study report and the plan in this regard must be submitted to the concerned RO. Compliance status in this regard shall be submitted along with the six monthly compliance to the concerned Regional Office and also kept on the web portal of the company.
1.12	Greenbelt and safety zone will be developed in 112.45 ha which is about 8 % of the total project area. A 7.5 m wide greenbelt, consisting of at least 3 tiers around mine boundary will be developed as greenbelt & Safety zone and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 1600 trees per hectare in Greenbelt. Total no. of 1,80,000 saplings will be planted and nurtured in 112.45 hectares in 05 years.
1.13	PP should either explore the possibility to divert the coal transportation road or rehabilitate the houses in Binglat (near the coal transportation route), as committed.
1.14	PP must give crop compensation to the farmers in case there is decrease in the production due to the mining activities. Compliance status in this regard shall be submitted along with the six monthly compliance to the concerned Regional Office.
1.15	No OB dumping should be done outside the ML area.
1.16	PP must install rooftop solar panels and encourage the use of renewable sources of energy.
1.17	The budget proposed for PH is Rs 19.23 Crores. The budget proposed shall be kept in a separate account and audited annually. Project proponent shall implement the action plan to address the issues raised during public hearing within a time frame of 3 years from the date of grant of EC. PP shall submit the progress report regarding the implementation of action plan to concerned RO along with the six monthly compliance report.
1.18	PP shall implement the protective measure proposed in Environment Management Plan (EMP) in a time-bound manner. The budget earmarked for the same is Rs 190.3396 Crores (Capital) and Rs 4.71 crores (recurring) and should be kept in separate accounts and audited annually. The implementation status along with the amount spent with documentary proof shall be submitted to the concerned Regional Office for the activities carried out during the previous year.
1.19	Main haul road in the mine shall be provided with permanent water sprinklers, and other roads shall be regularly wetted with water tankers fitted with sprinklers. Also PP shall install Mist Cannon Dust Suppression Systems (80-100 mtrs.) at Coal Stock Yard to suppress the dust particles.

24/01/2024
Divisional Office
Chota South Forest Division
Bhilai

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
ANNAPALI-CHANDRAGUPT AREA

S. No	EC Conditions
1.20	Garland drains (2mX3m) of adequate size shall be provided at the toe of the benches to arrest discharge and runoff with silt and sediments surging into areas adjoining the periphery of Overburden dump, which will be regularly cleaned before the onset of monsoon every year.
1.21	Check dams shall be constructed at required locations within drains to arrest eroded materials and settling ponds shall be constructed to treat mine discharge water inside the mine block.
1.22	Water harvesting pond shall be created separately to recharging the ground water and usage of project affected families.
1.23	Proper profiling of working benches of pits and dumps shall be done to channelize water in garland drains & sumps.
1.24	Waste generated from the domestic use shall be treated in STP and the treated water will be utilized in plantation & greenbelt development. Wastewater from the HEMM washing/ workshop will be treated in ETP. After treatment, water will be reused in washing of HEMM, dust suppression and greenbelt development.
1.25	PP shall make use of advanced computer simulation techniques for design and execution of blasting operation in the mine. PP shall make use of Electronic Delay Detonators for optimal blasting in coal and OB rock to minimize the environmental impacts of blasting such as ground vibration, fly rocks and excessive dust generation.
1.26	PP shall create a "Public Grievance Redressal and Monitoring System" for resolving any issues related to the pollution of mines and complaint has to resolve as soon as possible not beyond 30 days. In this regard, adequate awareness to be spread among the public to address their grievance to company with simple and easy manner and for which company needs to devise the mechanism. The same shall be reported to IRO within 3 months. A logbook to be maintained by PP on "Public Grievance Redressal and Monitoring System".
1.27	PP shall install fixed fog cannon (mist sprayer) and fixed sprinkler all along the haul road/ CHP, and OB dump till Railway siding is completed. The sufficient number of fog cannons (not less than 10 nos.) with 40 mts jet length shall be installed within 6 months. It should be ensured that air pollution level conform to the standards prescribed by the MOEFCC/CPCB.
1.28	PP shall deposit the approved amount as proposed for wildlife conservation plan to the Govt. of Jharkhand, Forest & Environment Dept. and further consult with State Biodiversity Authority for its CSR activity.
1.29	PP shall conduct third party audit of compliance of EC condition at an interval six months and its report shall be submitted to IRO, MoEF&CC.
1.30	The status of mine closure activities must be included in every six months compliance report submitted to the state pollution control board and RO of MoEF&CC.
1.31	PP to install solar lights along the road used for transportation of minerals to avoid the accidents at night and also seek its maintenance. PP is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone within one year.
1.32	Persons of nearby villages shall be given training on livelihood and skill development to make them

Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
ABRAPALI-CHANDRAGUPT AREA, COL

S. No	EC Conditions
	employable with its proper records.
1.33	Hon'ble Supreme Court in an Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India & Ors vide its judgement dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and a similar condition in the environmental clearance and the mining plan to the effect that the mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Compliance of this condition after the mining activity is over at the cost of the mining lease holders/Project Proponent". The implementation report of the above said condition shall be sent to the Regional Office of the MoEF&CC.
1.34	PP shall conduct feasibility studies for assessment of voids for backfilling of ash and mixing of ash with overburden, taking up backfilling ash and OB mixing activities during operations as well as post closure of mines in line with the Fly Ash Utilization Notification, 2021.
1.35	Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. The prevention measures for burns, malaria and provision of anti-snake venom including all other paramedical safeguards may be ensured before initiating the mining activities.
1.36	PP to install solar lights along the road used for transportation of minerals to avoid the accidents at night and also carry out its maintenance.
1.37	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PP's must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/trucks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.
1.38	PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground). A dedicated team to oversee environment management shall be setup which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis. Any non-compliance or infraction should be reported to the concerned authority.
1.39	Wildlife conservation plan as approved by the competent authority shall be implemented. Additional, budget shall be added in the plan, in case additional measures suggested by state wildlife department. The final Wildlife conservation plan duly approved by the CWLW shall be submitted to RO, MoEF&CC within a time frame of three months from the date of grant of EC and the budget approved by the concerned authority shall be deposited in government account.
1.40	PP shall ensure that all types of plastic waste generated from the plant shall be stored separately in isolated area and disposed of strictly adhering to the Plastic Waste Management Rules 2016 (as amended). In pursuant to the Ministry's OM dated 18/07/2022, PP shall also create awareness among the people working in the project area as well as in its surrounding area on the ban on Single Use Plastic (SUP) in order to ensure compliance of Ministry's Notification published by the

Divisional
Chitra South Forest Division

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AND PALA-CHANDRAGUPT AREA

S. No	EC Conditions
	Ministry on 12/08/2021. A report along with photograph on the measures taken shall also be included in the six monthly compliance report being submitted by PP.
1.41	Four numbers of Continuous Ambient Air Quality monitoring system shall be set up to monitor common/criteria pollutants from the flue gases such as PM10, PM2.5, SO2, NOX within the lease area in consultation with OSPCB. The monitoring of other locations (at least three locations outside the lease area covering upwind and downwind directions at an angle of 120° each) shall be carried out manually.
1.42	PP shall ensure that diesel operated vehicles will be switched over to E-Vehicles in a time bound manner, replace the passenger vehicles to E-vehicle in phased manner. Further, for local movement of officials Contract of Vehicles deployment shall be awarded to Project affected people and all efforts for adopting heavy E-vehicles like Bulkers for ash transportation for short distance subject to availability of such E-vehicle and adequate charging infrastructure in the surrounding area shall be provided. PP shall submit the action taken report to concerned RO with amount spent, photographs (before & after), number of e-vehicles deployed etc. in six monthly compliance report.
1.43	Digital processing of the entire lease shall be through remote sensing technique should be done regularly once in 3 years for monitoring land use pattern and report submitted to MOEF and its Regional Office at Bhubaneswar.
1.44	R&R shall be not less than the norms prescribed in National R&R Policy 2007/State R&R Policy/CCL Policy whichever is higher.
1.45	Project proponent is advised to implement the 'Ek Ped Maa Ke Naam' Campaign which was launched on 5th June 2014 on the occasion of the World Environment Day to increase the forest cover across the Country. This plantation drive is other than Green belt development. The action in this regard shall be submitted concerned RO in six monthly report.

Standard EC Conditions for (Mining of minerals)

1. Statutory Compliance

S. No	EC Conditions
1.1	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
1.2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.3	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).
1.4	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee prior to

PROJECT OFFICER
CHANDRAGUPT OPEN-CAST PROJECT
AMRAPALLI-CHANDRAGUPT AREA, COL

Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division

S. No	EC Conditions
	start/commencement of mining operations/production
1.5	The project proponent shall obtain the necessary permission from the Central Ground Water Authority
1.6	Solid/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.

2. Air Quality Monitoring And Mitigation Measure

S. No	EC Conditions
2.1	Continuous ambient air quality monitoring stations as prescribed in the statute be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM10, PM2.5, SO2 and NOx. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc to be carried out at least once in six months.
2.2	The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry/Regional Office and to the CPCB/SPCB.
2.3	Transportation of coal, to the extent, if permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water/mist sprinkling/rain gun/ Fog cannon etc shall be carried out in critical areas prone to air pollution (with higher values of PM10/PM2.5) such as haul road, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.
2.4	The transportation of coal shall be carried out as per the provisions and route envisaged in the approved Mining Plan or environment monitoring plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed so that the impact of sound, dust and accidents could be appropriately mitigated.
2.5	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.
2.6	Coal stock pile/crusher/feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt-conveyors shall be fully covered to avoid air borne dust. Side cladding all along the conveyor gantry should be made to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.

Ministry of Environment
Government of India
New Delhi

PROJECT OFFICER
CHANDRAGUPT OPEN CAS
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S. No	EC Conditions
2.7	Coal handling plant shall be operated with effective control measures w.r.t. various environmental parameters. Environmental friendly sustainable technology should be implemented for mitigating such parameters.

3. Water Quality Monitoring And Mitigation Measures

S. No	EC Conditions
3.1	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board.
3.2	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No.J-20012/1/2006-IA.11 (M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.
3.3	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.
3.4	Monitoring of water quality upstream and downstream of river including ponds, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
3.5	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.
3.6	Catch and/or garland drains and siltation ponds in adequate numbers and appropriate size shall be constructed around the mine working, coal heaps & OB dumps to prevent run off of water and flow of sediments directly into the river and water bodies. Further, dump material shall be properly consolidated, compacted and accumulation of water over dumps shall be avoided by providing adequate channels for flow of silt into the drains. The drains/ ponds so constructed shall be regularly de-silted particularly before onset of monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. The water so collected in the sump shall be utilized for dust suppression and green belt development and other industrial use. Dimension of the retaining wall constructed, if any, at the toe of the OB dumps within the mine to check run-off and siltation should be based on the rainfall data. The plantation of native species to be made between toe of the dump and adjacent field/habitation/water bodies.
3.7	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) after due treatment conforming to the specific requirement (standards).
3.8	Industrial waste water generated from CHP, workshop and other waste water, shall be properly collected and treated so as to conform to the standards prescribed under the standards prescribed under Water Act 1974 and Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time. Adequate ETP /STP needs to be provided.

Mukesh Kumar I.F.S
Divisional Forest Officer
Chattri South Forest Division

PROJECT OFFICE
CHANDRA PATTI OPEN CAST PROJECT
AMRABATI CHANDRA PATTI AREA, CO.

S. No	EC Conditions
3.9	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.
3.10	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations, considering the presence of river/rivulet/pond/lake etc, shall be prepared and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the approved Mining Plan/EIA/EMP report and with due approval of the concerned State/Gol Authority. The construction of embankment to prevent any danger against intrush of surface water into the mine should be as per the approved Mining Plan and as per the permission of DGMS or any other authority as prescribed by the law.
3.11	The project proponent shall take all precautionary measures to ensure riverine/riparian ecosystem in and around the coal mine up to a distance of 5 km. A riverine/riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government.

4. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
4.1	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
4.2	Controlled blasting techniques shall be practiced in order to mitigate ground vibrations, fly rocks, noise and air blast etc., as per the guidelines prescribed by the DGMS.
4.3	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

5. Mining Plan

S. No	EC Conditions
5.1	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
5.2	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).
5.3	No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980.
5.4	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency

PROJECT OFFICER
CHANDRACUPT OPEN CAST PROJECT
AMRAPURAM CHANDRACUPT

S. No	EC Conditions
	improvements and use of renewable energy.

6. Land Reclamation

S. No	EC Conditions
6.1	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change(MOEFC) from time to time shall be submitted to MOEFCC/Regional Office (RO).
6.2	The final mine void depth should preferably be as per the approved Mine Closure Plan, and in case it exceeds 40 m, adequate engineering interventions shall be provided for sustenance of aquatic life therein. The remaining area shall be backfilled and covered with thick and alive top soil. Post-mining land be rendered usable for agricultural/forestry purposes and shall be diverted. Further action will be treated as specified in the guidelines for Preparation of Mine Closure Plan issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.
6.3	The entire excavated area, backfilling, external OB dumping (including top soil) and afforestation plan shall be in conformity with the "during mining"/"post mining" land-use pattern, which is an integral part of the approved Mining Plan and the EIA/EMP submitted to this Ministry. Progressive compliance status vis-a-vis the post mining land use pattern shall be submitted to the MOEFCC/RO.
6.4	Further, it may be ensured that as per the time schedule specified in mine closure plan it should remain live till the point of utilization. The topsoil shall temporarily be stored at earmarked site(s) only and shall not be kept untilized. The top soil shall be used for land reclamation and plantation purposes. Active OB dumps shall be stabilised with native grass species to prevent erosion and surface run off. The other overburden dumps shall be vegetated with native flora species. The excavated area shall be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
6.5	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.

7. Green Belt

S. No	EC Conditions
7.1	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered/endemic flora/fauna, if any, spotted/reported in the study area. The Action plan in this regard, if any, shall be prepared and implemented in consultation with the State Forest and Wildlife Department.
7.2	Greenbelt consisting of 3-tier plantation of width not less than 7.5 m shall be developed all along the mine lease area as soon as possible. The green belt comprising a mix of native species (endemic

Mukesh Kumar I.F.S
Divisional Forest Officer
Chattri South Forest Division

S. No	EC Conditions
	species should be given priority) shall be developed all along the major approach/ coal transportation roads. And Plantation should also be carried out in nearby area with consent of forest department and gram panchayat within 10 km radius with its proper maintenance

8. Public Hearing And Human Health Issues

S. No	EC Conditions
8.1	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & it's RO on six-monthly basis.
8.2	The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time.
8.3	Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.
8.4	Implementation of the action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the action plan submitted with budgetary provisions during the public hearing. Land owners shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.
8.5	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-1013/5712014-1A:II (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations/issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.

9. Corporate Environment Responsibility

S. No	EC Conditions
9.1	The project proponent shall comply with the provisions contained in this Ministry's OM dated 30/09/2020, as applicable, regarding Corporate Environment Responsibility.
9.2	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholder's/stake holders.
9.3	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the

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S. No	EC Conditions
	organization.
9.4	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
9.5	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

10. Miscellaneous

S. No	EC Conditions
10.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
10.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
10.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
10.4	The project proponent shall monitor the criteria pollutants level namely: PM ₁₀ , SO ₂ , NO _x (ambient levels) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
10.5	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
10.6	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.II (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.
10.7	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
10.8	The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.



Mukesh Kumar
Mukesh Kumar I.F.S.
Divisional Forest Officer
Chattri South Forest Division

S. No	EC Conditions
10.9	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
10.10	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10.11	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change.
10.12	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
10.13	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
10.14	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
10.15	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
10.16	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.


 Made by
 Divisional Officer
 Chattri South Forest Division

OFFICE
 DIVISIONAL OFFICER
 CHATTRI SOUTH FOREST DIVISION
 CHATTRI SOUTH FOREST DIVISION

Signed by
 Sundar Ramaniathan
 Date: 02-01-2025 10:28:30
 Reason: Verified and
 signed

 <p>Coal India Limited A Maharatna Company www.coalindia.co</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p>7/11/2021-24</p>  <p>भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-44

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)



Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division(400.96Ha)&Hazaribagh West Forest Division(298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-22

Chandragupt OCP undertake that *"No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas"*.


Mukesh Kumar L.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CG

 Coal India Limited <small>A Maharatna Company</small> <small>www.coalindia.in</small>	<p align="center">CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 G20 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-45**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)



Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha) & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-23

Chandragupt OCP undertake that *"The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates" within three months of obtaining forest land handover.*


Mukesh Kumar I.F.S.
 Divisional Forest Officer
 Chatra South Forest Division


 Project Officer
 Chandragupt Open Cast Project
 CCL
 PROJECT OFFICER
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL

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Ref.No.GM(AC)/PO(Chandragupt)24-25/


Date:

Annexure-46**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)


Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-24

Chandragupt OCP undertake that *"The layout plan of the mining plan/proposal shall not be changed without the prior approval of the Central Government and the forest land shall not be used for any purpose other than that specified in the proposal."*


 Project Officer
 Chandragupt Open Cast Project
 CCL

PROJECT OFFICER
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL


 Mukesh Kumar I.F.S
 Divisional Forest Officer
 Chatra South Forest Division

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p align="center">CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p align="center"><i>Annexure-47</i></p>  <p align="center">भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-47

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

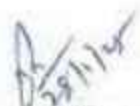
Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-25

Chandragupt OCP undertake that *"The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government"*.


Mukesh Kumar I.F.S
 Divisional Forest Officer
 Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL

PROJECT OFFICER
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL

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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-48

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha) & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No:26

Chandragupt OCP undertake that *"No damage to the flora and fauna of the adjoining area shall be caused"*.


Project Officer
Chandragupt Open Cast Project

CCL
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL


Mukesh Kumar L.F.S
Divisional Forest Officer
Chatra South Forest Division

 <p>Coal India Limited A Ministry Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p style="text-align: right;">Annexure-47</p>  <p>G20 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-49

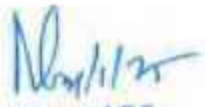
Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021


Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha) & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-27

Chandragupt OCP undertake that *"Comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project"*.


Mukesh Kumar LFS
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA CCL

 <p>Coal India Limited A Maharatna Company www.coalindia.co</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-50**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)


Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha)..

Undertaking to Condition No:28

Chandragupt OCP undertake that *"submit the annual self-compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year regularly"*.


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
PROJECT OFFICER
CCL
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA

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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-51

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)



Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No:29

Chandragupt OCP undertake that *"Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife shall be carried with by the State Government and user agency"*.


Mukesh Kumar I.F.S
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA

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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:


Annexure-52**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha) & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No:30



Chandragupt OCP undertake that *"Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by this Ministry's letter No. 5-2/2017-FC dated 28.03.2019"*.


Mukesh Kumar I.F.S.
Divisional Forest Officer
Chatra South Forest Division


Project Officer
Chandragupt Open Cast Project
CCL

CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI CHANDRAGUPT AREA, JCT.

72 fcp
29/1/2025

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Ref.No.PO(Chandragupt24-25/ 325

Date: 25.01.2025

To,

The Divisional Forest Officer,
 Hazaribagh West Forest Division,
 Hazaribagh.



Sub: Pointwise compliance of the conditions of Stage-I Clearance for 699.38Ha (400.96Ha Chatra South Forest Division and 298.42 Ha in Hazaribagh West Forest Division) of Forest land of Chandragupt OCP, CCL issued by MoEF&CC, Govt. of India, vide File.No.8-24/2023-FC dated 27.05.2024

Ref: Stage-I / In-Principle of FC granted by MoEF&CC Delhi vide File No.-8-24/2023-FC dt. 27.05.2024.

Dear Sir,

Pointwise compliance of conditions of Stage-I Forest Clearance for the diversion of 699.38 Ha Forest land of Chandragupt OCP, CCL issued by MoEF&CC, Govt. Of India, vide F.No.8-24/2023-FC dated 27.05.2024 in Chatra&Hazaribagh Districts of Jharkhand is being furnished below (8 copy) for kind perusal and further needful.

Compliance of Stage - I FC conditions of Chandragupt OCP (699.38 Ha) granted vide reference no 8-24/2023-FC dated 27.05.2024

S.NO	Conditions stipulated in FC	Compliance Status
1	Legal status of the diverted forest land shall remain unchanged;	Chandragupt OCP undertakes that Legal status of the diverted forest land shall remain unchanged. Undertaking in this regard is attached as Annexure-1
2	Compensatory Afforestation:	
1.	The User agency shall provide suitable non-forest land equivalent to the forest land proposed to be diverted for the purpose of Compensatory afforestation. The said land	As per the latest guidelines issued by MoEF&CC on dt 17.12.2024 (copy enclosed as Annexure -2), the Central Agencies/PSUs which were granted 'In-Principle' approval stipulating CA over non-forest land before notification of Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2024, shall be allowed to submit compliance of 'In-Principle' approval along with CA proposal over DFL in lieu of NPL.

MAUN PRANSHU
 Divisional Forest Officer
 West Division, Hazaribagh

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
 VTC BHAWAN, HONHE, AMRAPALI

	shall be transferred and mutated in the name of the forest department and notified as protected forest under the provisions of Indian Forest Act, 1927 are the State Specific laws;	As per the aforesaid guideline, Double degraded Forest land is now being accepted for the purpose of raising CA in lieu of Forest land to be diverted. The related Para v(a) of MoEF & CC guideline is reproduced below: <i>With regards to the applicability of the provisions of the Van (Samrakshan Evam Samvardhan) Amendment Rules, 2024 in respect of proposals of the Central Agencies/PSUs and captive coal blocks of the State PSUs which were granted 'in-principle' approval stipulating CA over non-forest land, the following clarification is given in this regard:</i> <i>"Proposals, which were submitted by the States/UTs before notification of Van (Samrakshan Evam Samvardhan) Amendment Rules, 2024, along with the proposal of raising CA over degraded forest land (DFL) and were granted 'in-principle' approval stipulating CA over non-forest land (NFL), shall be allowed to submit compliance of in-principle approval along with CA proposal over DFL in lieu of NFL. The Central Government will consider and grant final approval in such cases stipulating CA over DFL."</i>
ii.	The non-forest land identified for raising Compensatory Afforestation shall be demarcated by concrete pillars of suitable size and handed over, free from all encumbrances to the State Forest Department report the Final/ Stage-II approval	
iii.	The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars, if required on the CA land, shall be deposited in advance with the Forest Department by the user agency. The CA will be maintained for 10 years. The scheme may include afforestation of indigenous species with appropriate provision for anticipated cost increase for works scheduled for subsequent years. The work of compensatory afforestation shall start within two years of issue of order of diversion of forest land.	Accordingly, a demand of Rs 164,36,19,381/- (Rupees One Hundred Sixty Four Crore Thirty Six lakh Nineteen thousand Three Hundred and eighty One only), has been raised by DFO Chatra (S) & DFO Hazaribagh (W). Details are as under: 1. DFO, (Chatra south) vide letter No:61 dated 07.01.2025 CCL has deposited Rs 82,10,67,915.00 2. DFO (Hazaribagh West) vide letter no:216 dated 10.01.2025 CCL has deposited Rs 54,51,52,566.00 3. DFO, Chatra South Forest Division vide letter no :81 dated 15.01.2025, CCL has deposited Rs 27,73,98,900.00 Payment of Rs. 219,42,90,381/- has been made in "Ad-hoc CAMPA" vide UTR No.ICICR42025012700001515 dt 27.01.2025 Out of this, Rs 164,36,19,381/- (Rupees One Hundred Sixty Four Crore Thirty Six lakh Nineteen thousand Three Hundred and eighty One only), is for cost of Compensatory Afforestation. It is to further mention that, Double Degraded Forest Land (DDFL) for CA purpose in respect of Chandragupt OCP has already been submitted and accepted by IRO, Ranchi, and Advisory Committee of MoEF&CC, Delhi. Copy of Site Inspection Report (SIR) by IRO, MoEF&CC Ranchi dated 08.02.2024 is attached as ANNEXURE-3 Copy of demand notes issued by concerned Division (Hazaribagh West & Chatra South), acceptance by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-4 & Annexure-5 Duly signed Levies format is attached for kind reference as Annexure-6

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
CHANDRAGUPT OPEN CAST PROJECT

MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

		Further to the above, Chandragupt OCP, CCL undertakes to pay the deficit amount, if any, in respect of Compensatory Afforestation from the money already realized by State Forest Dept. The undertaking to this effect is attached at Annexure-6
3	Net Present Value:	
(i)	The User Agency shall transfer the funds towards the cost of Net Present Value (NPV) of the forest land being diverted under this proposal in accordance with the MoEF&CC's guidelines dated 6.01.2022 read with guidelines dated 19.01.2022	<p>Payment of Rs. 110,26,30,000/- has been made in "Ad-hoc CAMPA" vide UTR No.ICICR42024121100000899 dt 11.12.2024.</p> <p>Out of this, Rs 85,92,51,274/- is for NPV. Payment has been made in accordance with the demand issued by concerned division. Details are as under:</p> <ol style="list-style-type: none"> 1. Demand note of Rs 49,26,15,446.40 received from DFO, Chatra (South) vide the Ltr.No.1129 Dtd.31.05.2024 2. Demand note of Rs 36,66,35,828.00 received from DFO, Hazaribagh (West) vide their Ltr.No.3331 Dtd.04.06.2024. <p>Copy of demand notes issued by concerned Division (Hazaribagh West & Chatra South), acceptance by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-7 & Annexure-8</p> <p>Duly signed Levies format is attached for kind reference as Annexure 22</p>
(ii)	At the time of payment of the Net Present Value (NPV) at the present rate, the user agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India;	Chandragupt OCP undertakes to pay the additional amount of NPV, if so determined , as per the final decision of the Hon'ble Supreme Court of India. Annexure-9
4	A Site-Specific Wildlife Conservation plan duly approved by CWLW shall be prepared and same shall be implemented at the cost of user agency;	<p>Payment of Rs. 110,26,30,000/- has been made in "Ad-hoc CAMPA" vide UTR No.ICICR42024121100000899 dt 11.12.2024.</p> <p>Out of this, Rs 19,47,00,340/- is for WLMP. Payment has been made in accordance with the MoEF&CC guideline dtd 17.06.2022 (2% of the Project Cost) and subsequent demand issued by DFO Chatra (South) vide their Ltr.No.2118 Dtd.25.10.2024 of Rs 19,47,00,340.00.</p> <p>Copy of demand note, acceptance by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-10 & Annexure-11</p> <p>Further Chandragupt Project, CCL undertakes to pay the deficit amount if any in respect of WLMP at the time of Stage-II compliances.</p> <p>Undertaking in this regard is attached as Annexure-12</p> <p>Duly signed Levies format is attached for kind reference as Annexure 22</p>

MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI CHANDRAGUPT AREA, CCL

5	To mitigate the impact on water of Barki River and other rivulets/nalas, a Catchment area treatment (CAT) plan shall be prepared and implemented at the cost of the user agency.	<p>The Catchment Area Treatment Plan of Chandragupt OCP has been approved by PCCF/HoFF, GoJ vide Office order No.172 dated 28.11.2024.</p> <p>The copy of approval is enclosed as Annexure-13</p> <p>Payment of Rs. 219,42,90,381/- has been made in "Ad-hoc CAMPA" vide UTR No.ICICR42025012700001515 dt 27.01.2025</p> <p>Out of this, Rs 48,05,92000/- is for CAT plan. Payment has been made in accordance with the approved plan and demand issued by DFO Chatra (South) vide Ltr No:2343 dated 29.11.2024 of Rs 37,07,26,000.00 and demand issued by DFO Hazaribagh (West) vide Ltr No:5987 dated 13.12.2024 of Rs 10,98,66,000.00</p> <p>Copy of demand notes, acceptance copy by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-14 & Annexure-15</p> <p>Duly signed Levies format is attached for kind reference as Annexure 22</p>
6	Top Soil Management Plan as recommended by the State shall be prepared and implemented at the cost of the user agency	<p>Top Soil Management plan prepared by CMPDIL. Copy of same is enclosed as Annexure-16</p> <p>Undertaking in this regard is attached as Annexure-17</p>
7	No mining shall be carried within 60 mtrs from the HFL of the Barki River, and green belts as per norms shall be maintained around the other water bodies;	<p>CCL planning of Mine that, no mining will be carried within 60 mtrs from the HFL of the Barki River, and green belts as per norms will be maintained around the other water bodies also.</p> <p>An undertaking in this regard is attached as Annexure-18</p>
8	The State has intimated that the diversion of Chotki river has been recommended by the Chief Engineer (Water Resources Department). In this regard the copy of approval of the same by the competent authority shall be submitted.	<p>A detailed Stream Diversion study of Chotki stream was done by IIT Roorkee, wherein DPR of stream diversion was prepared and submitted to Water Resource Dept. of Jharkhand. The Chief Engineer (Planning and Monitoring), WRD JH recommended for issuance of NoC vide letter No:C.E/645/2022/230 dated 24.04.2023.</p> <p>A detailed Stream Diversion study of Chotki stream was done by IIT Roorkee, wherein DPR of stream diversion was prepared and submitted to Water Resource Dept. of Jharkhand. The Chief Engg. (Planning and Monitoring), Jal Bhawan, Ranchi has recommended for issuance of NoC vide letter no C.E./645/2022/230 dated 25.04.2023.</p> <p>Superintending Engineer, WRD vide letter no. 628 dated 16.07.2024 intimated to PP that "proposal of in-principle approval/NoC for diversion of Chotki Nala at Chandragupt Project is under departmental consideration and any decision regarding the same is subject to the approval of Nala Diversion Guidelines currently under the process of departmental approval".</p> <p>The Standard Operating Procedure-cum-Guidelines issued by the Water Resources Department, Government of Jharkhand Dt.</p>

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		<p>04.10.2024 for diversion of water flow of river, stream, drain or natural water reservoir.</p> <p>Accordingly, Chief Engineer, Project Planning and Monitoring, Water Resource Department, Jharkhand has directed to submit revised proposal to the concerned field Chief Engineer in context of the above mentioned SOP-cum-Guidelines.</p> <p>CCL has submitted the revised proposal to the Chief Engineer, Water Resources Department, Hazaribagh on 01.11.2024 (Annexure-19) and Field inspection also completed on 12.01.2025 and which is presently under approval of Chief Engineer, WRD, Hazaribagh.</p> <p>Further, CCL has submitted an undertaking that the diversion will only be carried out after obtaining the necessary No-Objection Certificate (NoC) from the Water Resource Department of Jharkhand State.</p> <p>An undertaking in this regard is attached as Annexure-20</p>
9	<p>The State will also prepare a human-elephant conflict mitigation plan which will be funded by the User Agency and will take necessary measure to mitigate drivers of negative human-elephant conflicts and paying timely compensations and ex-gratia;</p>	<p>Special arrangement has been made to mitigate human-elephant conflicts. Anti-depredation squad (ADS), ADS vehicle, and monitoring team has been proposed and paying timely compensations and also ex-gratia has been prepared.</p> <p>Apart from habitat management, such as food, water, shelter, awareness, etc., for Human Elephant Conflict (HEC), some relevant recommendation of GAJBANDHU YOJNA of Odisha and Guideline for Management of Human Elephant Conflicts (HEC) (MOEF, 2017) has been incorporated in the Site Specific wildlife Mitigation & management plan, and submitted for competent approval.</p> <p>Meanwhile the Payment of Rs. 110,26,30,000/- has been made in "Ad-hoc CAMPA" vide UTR No.JCICR42024121100000899 dt 11.12.2024. Out of this, Rs 19,47,00,340/- is for WLMP. Payment has been made in accordance with the MoEF&CC guideline dtd 17.06.2022 (2% of the Project Cost) and subsequent demand issued by DFO Chatra (South) vide their Ltr.No.2118 Dtd.25.10.2024 of Rs 19,47,00,340.00.</p> <p>Copy of demand note, acceptance by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-8 & Annexure-9</p> <p>Further Chandragupt Project, CCL undertakes to pay the deficit amount if any in respect of WLMP at the time of Stage-II compliances. Undertaking in this regard is attached as Annexure-21</p> <p>Duly signed Levies format is attached for kind reference as Annexure 22</p>
10	<p>The State Government shall upload the KML files of the area under diversion and the accepted area for raising</p>	<p>To be Complied by State Forest Department</p>

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	compensatory afforestation in the E-green watch portal of FSI, before handing over forest land to the user agency;																																																																			
11	All the funds received from the user agency under the project shall be transferred/deposited in CAMPA account only through e-portal (https://parivesh.nic.in/). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance;	<p>CCL has deposited a total of Rs 110,26,26,699.00 on 11.12.2024 & Rs 219,42,90,381.00 on 27.01.2025 as per the demand of the State Forest Department in Ad-hoc CAMPA account through e-portal (https://parivesh.nic.in/). Payment has been done as follows:</p> <table><tr><th>Sl No</th><th>Particulars</th><th>Demand Raised vide</th><th>Amount Paid (RS)</th><th>UTR No</th><th>Date</th></tr><tr><td>1</td><td>NPV</td><td>DFO, Chatra (South) vide Ltr.No.1129 Dtd.31.05.2024</td><td>49,26,15,446.40</td><td>ICICR42624121100000899</td><td>11.12.2024</td></tr><tr><td></td><td></td><td>DFO, Hazaribagh (West) vide Ltr.No.3331 Dtd.04.06.2024.</td><td>36,66,35,828.00</td><td>ICICR42624121100000899</td><td>11.12.2024</td></tr><tr><td>2</td><td>WLCP</td><td>DFO Chatra (South) vide Ltr.No.2118 Dtd.25.10.2024</td><td>19,47,00,340.00</td><td>ICICR42624121100000899</td><td>11.12.2024</td></tr><tr><td>3</td><td>SMC</td><td>DFO Chatra (South) vide Ltr.No.2117 Dtd.25.10.2024</td><td>4,86,75,085.00</td><td>ICICR42624121100000899</td><td>11.12.2024</td></tr><tr><td></td><td></td><td>TOTAL</td><td>1102626699.00</td><td>ICICR42624121100000899</td><td>11.12.2024</td></tr><tr><td>4</td><td>CA</td><td>DFO, (Chatra south) vide letter No:61 dated 07.01.2025</td><td>82,10,67,915.00</td><td>ICICR42625012700001515</td><td>27.01.2025</td></tr><tr><td></td><td></td><td>DFO (Hazaribagh West) vide letter no:216 dated 10.01.2025</td><td>54,51,52,566.00</td><td>ICICR42625012700001515</td><td>27.01.2025</td></tr><tr><td></td><td></td><td>DFO, Chatra South Forest Division vide letter no :81 dated 15.01.2025</td><td>27,73,98,900.00</td><td>ICICR42625012700001515</td><td>27.01.2025</td></tr><tr><td>5</td><td>CAT</td><td>DFO Chatra (South) vide Ltr No:2343 dated 29.11.2024</td><td>37,07,26,000.00</td><td>ICICR42625012700001515</td><td>27.01.2025</td></tr><tr><td></td><td></td><td>DFO Hazaribagh (West) vide Ltr No:5987 dated 13.12.2024</td><td>10,98,66,000.00</td><td>ICICR42625012700001515</td><td>27.01.2025</td></tr></table>	Sl No	Particulars	Demand Raised vide	Amount Paid (RS)	UTR No	Date	1	NPV	DFO, Chatra (South) vide Ltr.No.1129 Dtd.31.05.2024	49,26,15,446.40	ICICR42624121100000899	11.12.2024			DFO, Hazaribagh (West) vide Ltr.No.3331 Dtd.04.06.2024.	36,66,35,828.00	ICICR42624121100000899	11.12.2024	2	WLCP	DFO Chatra (South) vide Ltr.No.2118 Dtd.25.10.2024	19,47,00,340.00	ICICR42624121100000899	11.12.2024	3	SMC	DFO Chatra (South) vide Ltr.No.2117 Dtd.25.10.2024	4,86,75,085.00	ICICR42624121100000899	11.12.2024			TOTAL	1102626699.00	ICICR42624121100000899	11.12.2024	4	CA	DFO, (Chatra south) vide letter No:61 dated 07.01.2025	82,10,67,915.00	ICICR42625012700001515	27.01.2025			DFO (Hazaribagh West) vide letter no:216 dated 10.01.2025	54,51,52,566.00	ICICR42625012700001515	27.01.2025			DFO, Chatra South Forest Division vide letter no :81 dated 15.01.2025	27,73,98,900.00	ICICR42625012700001515	27.01.2025	5	CAT	DFO Chatra (South) vide Ltr No:2343 dated 29.11.2024	37,07,26,000.00	ICICR42625012700001515	27.01.2025			DFO Hazaribagh (West) vide Ltr No:5987 dated 13.12.2024	10,98,66,000.00	ICICR42625012700001515	27.01.2025
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PROJECT OFFICER
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		6	De-Siltation	DFO Chatra (South) vide the Ltr.No.2345 Dtd.29.11.2024	2,66,38,000.00	ICICR42025 0127000015 15	27.01.2025
				DFO Hazaribagh (West) vide their Ltr.No.5989 Dtd.13.12.2024	4,34,41,000.00	ICICR42025 0127000015 15	27.01.2025
				TOTAL	219,42,90,381.00	ICICR42025 0127000015 15	27.01.2025
		Total Amount Paid			329,69,17,080.40		
		Copy of AdHoc CAMPA Levies Format is enclosed as Annexure-22					
12	Following activities, as per approved plan / schemes, shall be undertaken in the lease area by the User Agency under the supervision of the State Forest Department. Approved scheme/plan shall be submitted to the Ministry along with compliance of Stage-I approval:	<p>Chandragupt OCP undertakes that the all the activities in the lease area will be carried out as per the approved Mining Plan and report on Soil erosion mitigative measure and Top Soil Management Plan prepared by CMPDIL</p> <p>Undertaking in this regard and The report of Top Soil Management Plan is enclosed as Annexure-23 & Annexure-24</p>					
i.	Mitigative measures to minimize soil erosion and choking of stream shall be implemented within a period of three year with effect from the issue of Stage II clearance in accordance with the approved Plan in consultation with the State Forest Department;	An undertaking in this regard is attached as Annexure-24(i)					
ii	Planting of adequate drought hardy plant species and sowing of seeds, in the appropriate area within the mining lease to arrest soil erosion in accordance with the approved scheme;	An undertaking in this regard is attached as Annexure-24(ii)					
iii	Construction of check dams, retention /toe walls to arrest sliding down of the excavated material along	An undertaking in this regard is attached as Annexure-24(iii)					

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	the contour in accordance with the approved scheme;	
iv	Stabilize the overburden dumps by appropriate grading/benching, in accordance with the approved scheme, so as to ensure that angles of repose at any given place is less than 280; and	An undertaking in this regard is attached as Annexure-24(iv)
v	No damage shall be caused to the top-soil and the user agency will follow the top soil management plan.	An undertaking in this regard is attached as Annexure-24(v)
12	User agency either himself or through the State Forest Department shall undertake gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests (having crown density less than 0.40), if any, located in the area within 100 meter from outer perimeter of the mining lease. The plan for plantation and SMC activities will be prepared and submitted to MoEF&CC before Stage-II Clearance;	<p>Payment of Rs. 110,26,30,000/- has been made in "Ad-hoc CAMPA" vide UTR No.ICICR4202412110 0000899 dt 11.12.2024.</p> <p>Out of this, Rs 48675085/- is for SMC plan. Payment has been made in accordance with the MoEF&CC guideline dt 17.06.2022 (0.5% of the Project Cost) and subsequent demand issued by DFO Chatra (South) vide their Ltr.No.2117 Dt.25.10.2024 of Rs 4,86,75,085.00.</p> <p>Copy of demand note, acceptance by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-25 & Annexure-26</p> <p>Further Chandragupta Project, CCI undertakes to pay the deficit amount if any in respect of SMCP at the time of Stage-II compliances.</p> <p>An Undertaking in this regard is attached as Annexure-27</p>
13	Safety Zone Management: Following activities, at project cost, shall be undertaken by the user agency for the management of safety zone as per relevant guidelines issued by the Ministry's guidelines;	
i.	User agency shall ensure demarcation of safety zone (7.5 meter strip all along the inner boundary of the mining lease area), and its fencing, protection and regeneration by erecting adequate number of 6 feet high RCC boundary pillars	<p>Chandragupt OCP undertakes that the Demarcation of safety zone (7.5meter strip all along the inner boundary of the mining lease area), and its fencing, protection and regeneration by erecting adequate number of 6 feet high RCC boundary pillars inscribed with DGPS coordinates with barbed wire fencing and deploying adequate number of watchers under the supervision of the State Forest Department shall be done after transfer of Forest Land.</p> <p>An Undertaking in this regard is attached as Annexure-28</p>

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I.F.S.
Divisional Forest Officer
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	inscribed with DGPS coordinates with barbed wire fencing and deploying adequate number of watchers under the supervision of the State Forest Department;	
ii.	Boundary of the safety zone of the mining lease, adjacent to habitation/roads, should be properly fenced by the user agency;	Chandragupt OCP undertakes that the proper fencing of the Safety Zone of the mining lease, adjacent to habitation/ roads shall be implemented. Undertaking in this regard is attached as Annexure-29
iii.	Safety zone shall be maintained as green belt around mining lease and to ensure dense canopy in the area, regeneration shall be taken up in this area by the user agency at project cost under the supervision of the State Forest Deptt.	Chandragupt OCP undertakes that the Safety zone shall be maintained as green belt around mining lease and to ensure dense canopy in the area, regeneration shall be taken up in this area by the user agency at project cost under the supervision of the State Forest Department. Undertaking in this regard is attached as Annexure-30
iv.	The State Government and the user agency shall ensure that safety zone is maintained as per the prescribed norms;	Chandragupt OCP undertakes that the user agency shall ensure that safety zone is maintained as per the prescribed norms; Undertaking in this regard is attached as Annexure-31
14	The R&R Plan shall be implemented as per the R&R Policy of State Government in consonance with National R&R Policy, Government of India before the commencement of the project work and implementation. The said R&R Plan will be monitored by the State Government/Regional Office of MoEF&CC along with indicators for monitoring and expected observable milestones;	The R&R Plan shall be implemented as per the approved R&R Policy of Coal India Limited. Copy of approved R&R plan enclosed as Annexure-32 Undertaking in this regard attached as Annexure - 33
15	The User Agency shall prepare a list of existing village tanks and other water bodies with GPS co-ordinates located within five km from the mine lease boundary. This list is to be	The De-Siltation Plan of Chandragupt OCP has been approved by PCCF-HoFF GoJ vide Office order No.173 dated 28.11.2024. The approval copy as enclosed as Annexure-34 Payment of Rs. 219,42,90,381/ has been made in "Ad-hoc CAMPA" vide UTR No.ICICR42025012700001515 dt 27.01.2025

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	duly verified by the concerned Divisional Forest Officer. The User Agency shall regularly undertake desilting of these village tanks and other water bodies so as to mitigate the impact of siltation of such tanks/water bodies. A detailed approved plan for de-silting of identified ponds and water bodies to be prepared in consultation with forest department and shall be submitted to MoEF& CC before Stage-II approval;	<p>Out of this, Rs 7,00,79,000/- is for SMC plan. Payment has been made in accordance with the approved plan and subsequent demand issued by DFO Chatra (South) vide the Ltr.No.2345 Dtd.29.11.2024, CCL deposited the amount of Rs 2,66,38,000.00 & DFO Hazaribagh (West) vide their Ltr.No.5989 Dtd.13.12.2024, CCL deposited the amount of of Rs 4,34,41,000.00</p> <p>Copy of demand note, acceptance by ED Nodal, GoJ, Challan & bank certificate are attached as Annexure-35 & Annexure-36</p> <p>Undertaking in this regard attached as Annexure - 37 Copy of AdHoc CAMPA Levies Format is enclosed as Annexure-22</p>
16	The user agency shall explore the possibility of translocation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department. Also the trees should be felled in phased manner as per the requirement in the approved Mining Plan with prior permission of concerned DFO;	<p>Agreed Chandragupt OCP undertakes to explore the possibility of translocation of maximum number of trees identified to be felled and shall also ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department. Also, the trees should be felled in phased manner as per the requirement in the approved Mining Plan with prior permission of concerned DFO.</p> <p>Undertaking in this regard is attached as Annexure-38</p>
17	The cost of felling of trees shall be deposited by the User Agency with the State Forest Department;	<p>Agreed. Chandragupt OCP undertakes to deposit the costs associated with tree felling as required by the State Forest Department An Undertaking in this regard is attached Annexure-39</p>
18	The User Agency shall undertake mining in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan as per the approved mining plan shall be executed by the User Agency from the very first year, and an annual report on implementation thereof	<p>Agreed. Chandragupt OCP undertakes that the mining operation and reclamation of mined out area will be done as per the approved Mining Plan/Mine closure Plan.</p> <p>Undertaking in this regard is attached Annexure-40.</p>

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
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	shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, in the concerned State Government and the concerned Regional Office of the Ministry. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the User Agency, the Nodal Officer or the concern Addl. Principle Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities area satisfactorily executed;	
19	The User Agency shall comply with the Hon'ble Supreme Court order on regrassing, and re-grass the mining area and any other areas which may have been disturbed due to mining to restore them to a condition which is fit for growth of fodder, flora, fauna, etc. in a timely manner;	<p>Agreed. Chandragupt OCP undertakes to comply with the Hon'ble Supreme Court order on re-grassing, and re-grass the mining area and any other areas which may have been disturbed due to mining to restore them to a condition which is fit for growth of fodder, flora, fauna, etc. in a timely manner;</p> <p>An Undertaking in this regard is attached Annexure-41</p>
20	Period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease proposed to be granted under the Mines and Minerals (Development and Regulation) Act, 1957, as amended and the Rules framed there-under	<p>Agreed An Undertaking in this regard is attached Annexure-42</p>
21	The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required;	<p>Environmental Clearance for Chandragupt OCP is granted by MoEF&CC vide File No: IA-J-11015/43/2021-IA-II(M) Dated 02.01.2025. Copy of EC is attached as Annexure-43</p>

PROJECT OFFICER
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West Division, Hazaribag

22	No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;	Agreed An Undertaking in this regard is attached Annexure-44
23	The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS coordinates;	Agreed Chandragupt OCP Undertakes that the boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS coordinates; An Undertaking in this regard is attached Annexure-45
24	The layout plan of the mining plan/ proposal shall not be changed without the prior approval of the Central Government and the forest land shall not be used for any purpose other than that specified in the proposal;	Agreed An Undertaking in this regard is attached Annexure-46
25	The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government;	Agreed An Undertaking in this regard is attached as Annexure-47
26	No damage to the flora and fauna of the adjoining area shall be caused;	Agreed An Undertaking in this regard is attached as Annexure-48
27	The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to	Agreed An Undertaking in this regard is attached as Annexure-49

PROJECT OFFICER
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West Division, Hazaribag

	this project, if any, for the time being in force, as applicable to the project;	
28	The User Agency shall submit the annual self-compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year regularly;	<p>Agreed</p> <p>An Undertaking in this regard is attached as Annexure-50</p>
29	Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife shall be carried with by the State Government and user agency;	<p>Agreed</p> <p>An Undertaking in this regard is attached Annexure-51</p>
30	Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by this Ministry's letter No. 5-2/2017-FC dated 28.03.2019.	<p>Agreed</p> <p>An Undertaking in this regard is attached Annexure-52</p>

You are requested to kindly consider the compliance and forward the proposal.

Thanking you

Yours Faithfully

Project Officer
Chandragupt OCP

CCL

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribag

List of Annexures	
Annexures	Description
Annexure-1	Undertaking for Condition-1(Legal status of the Forest Land shall remain unchanged)
Annexure-2	Corresponding letters to concerned DFO(Hazaribagh&Chatra) reg. Justification for recommending the FC proposal as considering DDFL for CA purpose along with latest guidelines issued by MoEF&CC on dt 17.12.2024
Annexure-3	Site Inspection Report by IRO, MoEF&CC, Ranchi dated 08.02.2024
Annexure-4	Demand Note Ltr 61 dated 04.01.2025&Ltr 81 dated 15.01.2025 from DFO Chatra (South) and Demand Note Ltr 216 dated 10.01.2025 from Hazaribagh (West) regarding CA Land
Annexure-5	Payment details of CA Land of Chandragupt OCP.
Annexure-6	Undertaking for condition-2(iii)(reg. to pay the deficit amount, if any, in respect of Compensatory Afforestation from the money already realized by State Forest Dept.)
Annexure-7	Demand Note Ltr 1129 dated 31.05.2024 from Chatra (South and Demand Note Ltr 3331 dated 04.06.2024 from Hazaribagh (West) regarding NPV
Annexure-8	Payment details of NPV of Chandragupt OCP
Annexure-9	Undertaking for Condition-3(ii) (the user agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India).
Annexure-10	Demand Note Ltr 2118 dated 25.10.2024 from DFO Chatra South regarding SSWLCP
Annexure-11	Payment details of SSWLCP of Chandragupt OCP.
Annexure-12	Undertaking for Condition-4 (Site-Specific Wildlife Conservation plan duly approved by CWLW shall be prepared and same shall be implemented at the cost of user agency)
Annexure-13	Approval copy of CAT Plan
Annexure-14	Demand Note Ltr 2343 dated 29.11.2024 from DFO Chatra South&Demand Ltr 5987 dated 13.12.2024 from DFO Hazaribagh West regarding CAT
Annexure-15	Payment details of CAT Plan of Chandragupt OCP.
Annexure-16	Copy of Top Soil Management Plan
Annexure-17	Undertaking condition -6(Top Soil Management Plan as recommended by the State shall be prepared and implemented at the cost of the user agency)
Annexure-18	Undertaking condition-7(No mining shall be carried within 60 mtrs from the HFL of the Barli River, and green belts as per norms shall be maintained around the other water bodies)
Annexure-19	Copy of the request letter to Chief Engineer, WRD, Hazaribagh.
Annexure-20	Undertaking for condition:8 regarding that the diversion will be carried after approval of the competent authority only
Annexure-21	Undertaking for condition:9(reg.to prepare a human-elephant conflict mitigation plan which will be funded by the User Agency and will take necessary measure to mitigate drivers of negative human-elephant conflicts and paying timely compensations and ex-gratia;
Annexure-22	Copy of AdHoc CAMPA Levies Format
Annexure-23	Undertaking condition no:12
Annexure-24	Copy of the Report of Top Soil Management.
Annexure-24(i)	Undertaking condition no:12 (i)
Annexure-24(ii)	Undertaking condition no:12(ii)
Annexure-24(iii)	Undertaking condition no:12 (iii)

MAUN PRAKASH



Divisional Forest Officer
West Division, Ranchi

CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

Annexure-24(iv)	Undertaking condition no:12(iv)
Annexure-24(v)	Undertaking condition no:12(v)
Annexure-25	Demand Note Ltr 2117 dated 25.10.2024 from DFO Chatra South for SMC
Annexure-26	Copy of payment details of receipts
Annexure-27	Undertaking regarding that the plan for plantation and SMC activities will be prepared and submitted to MoEF&CC before Stage-II Clearance;
Annexure-28	Undertaking for condition-13(i)(reg. demarcation of safety zone, its fencing, protection and regeneration)
Annexure-29	Undertaking for condition-13(ii)(reg. fencing of safety zone boundary)
Annexure-30	Undertaking for condition-13(iii)(reg. safety zone shall be maintained as green belt)
Annexure-31	Undertaking for condition-13(iv)(reg. maintaining of Safety zone as per prescribed norms)
Annexure-32	Copy of the approved R&R Policy of CIL
Annexure-33	Undertaking condition:14(reg. The R&R Plan will be monitored by the State Government/Regional Office of MoEF&CC)
Annexure-34	Copy of approval of De-siltation Plan
Annexure-35	Demand Note Ltr 2345 dated 29.11.2024 from DFO Chatra South & Demand Ltr 5989 dated 13.12.2024 from DFO Hazaribagh West regarding De-Siltation Plan
Annexure-36	Copy of Payment details of receipts for De-Siltation.
Annexure-37	Undertaking of condition:15(reg. desilting of these village tanks and other water bodies so as to mitigate the impact of siltation of such tanks/water bodies.
Annexure-38	Undertaking for Condition:16(reg.to explore the possibility of translocation of maximum number of trees)
Annexure-39	Undertaking for Condition:17(reg. the cost of felling of trees shall be deposited by the User Agency with the State Forest Department)
Annexure-40	Undertaking for condition:18(reg. Mining in a phased manner after taking due care for reclamation of the mined over area.
Annexure-41	Undertaking for Condition:19(reg.Re-grassing the mining are and any other areas which may have been disturbed due to mining)
Annexure-42	Undertaking for condition-20(reg. period of diversion of forest land)
Annexure-43	Copy of Environmental Clearance to Chandragupt OCP dated:02.01.2025
Annexure-44	Undertaking for condition-22(reg. No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site)
Annexure-45	Undertaking for condition-23(reg. The boundary of the diverted forest land, mining lease and safety zone, as applicable)
Annexure-46	Undertaking for condition-24(reg. layout plan of the mining plan/proposal shall not be changed without the prior approval of the Central Government)
Annexure-47	Undertaking for condition-25(reg. diverted forest land shall not be transferred to any other agency)
Annexure-48	Undertaking for condition-26(reg. Protection of Flora and Fauna)
Annexure-49	Undertaking for Condition-27(reg. Compliance to provision of all Acts, Rules, Regulations& Guidelines)
Annexure-50	Undertaking for Condition-28(reg. Annual Self-Compliance Report)
Annexure-51	Undertaking for Condition-29(reg. Conservation, Protection and Development of Forests &Wildlife)
Annexure-52	Undertaking for Condition-30(reg. Violations of Forest(Conservation)Act,1980.

MAUN PRAKASH
Divisional Forest Officer
West Division, Hazaribagh

CHANDRAGUPT OCP
ENVIRONMENTAL CLEARANCE, DCE

 <p>Coal India Limited A Maharatna Company www.coalindia.co</p>	<p style="text-align: center;">CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p style="text-align: center;">G20</p>  <p style="text-align: center;">भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-1

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division(400.96Ha), & Hazaribagh West Forest Division(298.42 Ha) in Chatra District & Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-1

Chandragupt OCP undertake that *"The legal status of forest land shall remain unchanged."*


 Project Officer
 Chandragupt Open Cast Project
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL


MAUN PRAKASH
 I.F.S.
 Divisional Forest Officer
 West Division, Hazaribagh

✓

Government of India
Ministry of Environment, Forest and Climate Change
(Forest Conservation Division)

Indira Paryavaran Bhawan,
Aliganj, Jor Bagh Road,
New Delhi: 110003

Dated: December, 2024

To

The Addl. Chief Secretaries of Forests/Principal Secretary (Forests),
All States Governments and Union territory Administrations

Sub: Streamlining of the approval process with regards to compensatory afforestation as envisaged in the Van (Sanrakshan Evam Samvardhan) Rules, 2023 as amended on 20.09.2024 – reg.

Madam/Sir,

I am directed to refer to the above subject and to inform that based on the references received from the Ministry of Mines, and Ministry of Coal, the provisions related to raising of compensatory afforestation, as envisaged in the Van (Sanrakshan Evam Samvardhan) Rules, 2023 as amended on 20.09.2024, have been reviewed by the Ministry and after due deliberations, the Central Government, in accordance with the provisions of section 3C of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 hereby issues the following clarifications:

- i. Provisions of Rule 14(1) of the Van (Sanrakshan Evam Samvardhan) Rules, 2023, provides that the non-forest land identified for raising Compensatory Afforestation (CA) is to be notified as Protected Forests before final approval (Stage-II) approval is granted by the Central Government. However, in cases where non-forest land identified for CA has been transferred and mutated in favour of the State Forest Department (SFD), the Central Government may accord final approval keeping in view the fact that provisions of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 become applicable on such lands being entered as forest in government record/record of rights.
- ii. In such cases, referred in para (i) above, the non-forest land forest land proposed for CA, shall be notified as Protected Forest under section 29 of the Indian Forest Act, 1927 or local forest Act before handing over of forest land to the User Agency by the State Government. The Nodal Officer, after notification of such non-forest lands, shall upload a copy of said notification on the PARIVESH portal.
- iii. For the purpose of rule 13(4)(a) of the States or Union territory Administrations, having forest area more than 33% of their total geographical area, concerned State Government/UT Administration may authorise a suitable officer to issue certificate of non-availability of the suitable non-forest land for raising CA.
- iv. As per the provisions of the Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2024, projects of Central Government entities/CPSU and captive coal blocks of the State PSUs are eligible for raising CA over degraded forest land which will be double in extent of the forest land being diverted. Accordingly, the State Government/UT shall not insist for providing non-forest land as CA unless in cases wherein the Central Government

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPAL CHANDRAGUPT AREA, CCL

17/12/24
B. K. SHARMA
I.F.S.
District Forest Officer
West Division, Hazaribag

Agencies/CPSUs or State Government PSUs with captive coal blocks are forthcoming to provide non-forest land available with them as CA or the State Government/UT Administration is willing to provide non-forest land on such terms and condition which is agreed by the Central Government Agencies/CPSUs or State Government PSUs in case of captive coal blocks.

- v. With regards to the applicability of the provisions of the Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2024 in respect of proposals of the Central Agencies/PSUs and captive coal blocks of the State PSUs which were granted 'in-principle' approval stipulating CA over non-forest land, the following clarification is given in this regard:

- a. Proposals, which were submitted by the States/UTs before notification of Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2024, along with the proposal of raising CA over degraded forest land (DFL) and were granted 'in-principle' approval stipulating CA over non-forest land (NFL), shall be allowed to submit compliance of 'in-principle' approval along with CA proposal over DFL in lieu of NFL. The Central Government will consider and grant final approval in such cases stipulating CA over DFL.
- b. Proposals, which were submitted by the States/UTs along with CA proposal over non-forest land and were granted 'in-principle' approval stipulating CA over non-forest land (NFL), can also be allowed to submit compliance of 'in-principle' approval along with CA proposal over DFL provided the non-forest land proposed for CA is not transferred and mutated in favour of the State Forest Department. In such cases, the Central Government or its Regional Office, based on the request of the State/UT Government or user agency, shall amend the condition of in-principle approval to raise CA over DFL on a case to case basis and subsequently the User Agency shall submit the compliance of in-principle for the obtaining the 'final' approval.

In view of the above, the State Government and Union territory Administrations are requested to take into consideration the guidelines mentioned hereinabove while considering the proposals submitted under section 2 of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980.

This issues with the approval of the competent authority.

Yours faithfully,

Signed by

Charan Jeet Singh

Date: 17-12-2024 13:56:41

(Charan Jeet Singh)
Scientist 'E'

Copy to:

1. Director, PMO, South Block, New Delhi
2. Secretary, Ministry of Mines /Coal /Steel/ Power/ Railways/ MoRT&H/ Defence/MHA
3. Secretary, Ministry of Defence, Government of India
4. Principal Chief Conservator of Forests & HoFF, All States Governments and Union territory Administrations
5. Dy Director General of Forests (Central) All Regional Offices, of Dine MoEF&CC

Maun
MAUN PRAKASH
I.F.S.
Divisional Forest Officer
Forest Division, Hazaribag

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

6. Nodal Officers, dealing with the matters related to the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980, All States Governments and Union territory Administrations
7. Head, NIC, MoEFCC for aligning the PARIVESH 2.0 as per above

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
ANRAPALI/CHANDRAGUPT AREA, CCL

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MAUN PRAKASH I.F.S.
Divisional Forest Officer
West Division, Hazarib



Annexure 4u

**Office of the Divisional Forest Officer,
Hazaribag West Forest Division, Van Bhawan, Hazaribag**

☎ 06546-222339, Email- dfo.hazaribagwest@rediffmail.com & dfo-

To, Letter No.: 216 Date: 10/01/25
Project Officer,
Chandragupt OCP,
Amrapali- Chandragupt Area,
VTC Bhawan, Honhe, Tandwa, Chatra.

Subject:- Demand letter for depositing levy for CA against 488.06 forest land for Chandragupt Open Cast Mining project in favour of M/s Central Coalfield Limited(CCL).

Ref:- Office order संख्या-01/मोवन-30/2020-21 दिनांक 08.08.2024 of Additional Principal Chief Conservator of Forest Development, Jharkhand, Ranchi, and Letter no. -08 dated -02.01.2025 of PCCF-Cum-ED, Nodai, Jharkhand, Ranchi, and Your letter no. - OM(AC)/PO(Chandragupt)24-25/292 dated 18.12.2024.

With reference to the above letter and as per latest guidelines (letter no-FC-11/158/2024-FC dated-17-12-2024) of MoEF&CC,GOI Para 5(i) of the said letter states that "Proposals, which were submitted by the States/UTs before notification of Van (Samrakshan Evam Samvardhan) Amendment Rules, 2024, along with the proposal of raising CA over degraded forest land (DFL) and were granted 'in-principle' approval stipulating CA over non-forest land (NFL), shall be allowed to submit compliance of 'in-principle' approval along with CA proposal over DFL in lieu of NFL. The Central Government will consider and grant final approval in such cases stipulating CA over DFL".

In compliance of the above-mentioned condition of stage-I approval and latest guideline of MoEF&CC,GOI a demand note for CA proposed for diversion of forest land 488.06 ha in Hazaribagh West Division of Rs.54,51,52,566.00(Fifty four Crore Fifty one Lac Fifty two Thousand Five Hundred and Sixty six only) is being raised.

Therefore it is requested to deposit the above mentioned amount i.e. Rs.54,51,52,566.00(Fifty four Crore Fifty one Lac Fifty two Thousand Five Hundred and Sixty six only) for Hazaribagh West Forest Division in CAMPA Account. The amount should be deposited to CAMPA Fund only through e-portal (<https://parivesh.nic.in>) and copy of challan/receipt shall be sent to this office for records.

Sent for necessary action.

Your faithfully,

Divisional Forest Officer
Hazaribagh West Forest Division.

MAUN PRAKAS

Divisional Forest Officer
West Division, Hazaribagh

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

Email

Sanjeev Kumar

Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

From : monitoring-fc@nic.in

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

To : po.chandragupta <po.chandragupta@coalindia.in>

Cc : monitoring-fc@nic.in

Wed, Jan 22, 2025 04:08 PM

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below.

Proposal Detail

1. Proposal No. : FP/JH/MIN/140599/2021
2. Proposal Name : CHANDRAGUPT OCP
3. Category of the Proposal : Mining
4. Date of In-principle : 09/04/2021
5. Name of the Applicant with Contact Details

Name : CHANDRAGUPT OCP
Mobile No. : 8987784169

Email ID : po.chandragupta@coalindia.in

State : Jharkhand
District : Chatra

MAUN
MAUN PRAKASH
Divisional Forest Officer
West Division, Hazaribag

Annexure 5
CHANDRAGUPT OCP
MAUN PRAKASH

Pincode

: 825321

Funds Demand Details

1. Compensatory Afforestation	: Rs. 1643619381/-
2. Additional Compensatory Afforestation	: Rs. 0/-
3. Penal Compensatory Afforestation	: Rs. 0/-
4. Catchment Area Treatment	: Rs. 480592000/-
5. Safety Zone	: Rs. 0/-
6. Additional Charges for protected area	: Rs. 0/-
7. Net Present Value (NPV)	: Rs. 0/-
8. DE-SILTATION	: Rs. 700790000/-
9. Other Charges1	: Rs. 0/-
10. Other Charges2	: Rs. 0/-
11. Other Charges3	: Rs. 0/-
Total Amount	: Rs. 2194290381/-

User Agency is requested to make above mentioned payment after generating challan through the system.

(System Administrator)

*** This is a system generated email, please do not reply. ***



Date-27-01-2025

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	21942903 81.00	15072581405 99331	UBIN099 6335	ICICR4202501270 0001515	27- 01- 202 5

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.

This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Ratu Road Ranchi -834001


MAUN PRAKASH
L.F.S.
Divisional Forest Officer
West Division, Hazaribag


PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
CHANDRAGUPTA S.S.A. CO.

ICICI Bank Limited
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN.: L65190GJ1994PLC021012

Regd. Office : ICICI Bank Tower,
Near Chakli Circle,
Old Padra Road,
Vadodra 390 007, India.

Annexure 22

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND/SUMMARY OF PAYMENT Chandragupt OCP (699.38 Ha)

S.N	Column 1	Column 2
1	Name of Regional Office	Integrated Regional office Ranchi
2	State/District/Forest Division to which the proposal relates	Jharkhand/Chatra & Hazaribagh/Chatra South & Hazaribagh West
3	Name of User Agency, Name of Proposal	Central coalfields limited, Chandragupt Opencast Mining Project
4	Nature of Category of Proposal	Mining
5	Proposal No.	FP/HU/MIN/140599/2021
6	Extent of Forest Area involved	699.38 Ha
7	Whether original or extension	Original (and acquired under CBA Act)
8	If the extension of lease, please clarify if proposal involves additional forest area and if so specify	NA
9	Dated of 1st Stage clearance	File No. 8-24 /2023-FC dated 27.05.2024
10	Extent of CAMPA Charges, head wise viz.	
	a) Compensatory afforestation	Rs 164,36,19,381.00
	b) Additional compensatory afforestation	NA
	c) Penal compensatory afforestation	NA
	d) Catchment area treatment	Rs 19,47,00,340.00
	e) De-Siltation Plan	Rs 7,00,79,000.00
	f) Additional charges for diversion of area falling under notified/protected area	Nil
	g) Net present value	Rs. 85,92,51,274.40
	h) any other charges/levies (please specify) Safety Zone+ Forest Produce + Cess + Tax- Penal NPV	NA
	i. Penal NPV	NA
	ii. Soil and Moisture Conservation Plan (SMC) (@ 0.5% of Project Cost)	Rs 4,86,75,085.00
	iii. Wildlife management plan (WLCMP) @ 2% of Project Cost	Rs 48,05,92,000.00
	Total =	Rs 329,69,17,080.40
11	If the payment made through challan or otherwise in case of online payment, details of challan	Attached

Sign of User Agency

Sign of DFO (Chatra South)

Sign of DFO (Hazaribagh West)

Sign of Nodal Officer

CHANDRAGUPT OPEN CAST PROJECT
ABRUPAL CHANDRAGUPT AREA, NA

MAUN PRAKASH

Divisional Forest Officer
West Division, Hazaribagh

12 Details of deposits						
Sl No	Type of Deposit (NPV/CA/WM P/Others)Specify	Whether (RTGS/DD /NEFT (Specify)	UTR/DD No.	Amount Deposit (Rs.)	Dated of Deposit	Name of Bank from which amount transferred to account of CAF Bank Account of CAF managed by CAMPA in which fund deposited.
1	NPV	RTGS	ICICR42024121100000899	85,92,51,274.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bargarua-560027
2	WLCP	RTGS	ICICR42024121100000899	19,47,00,340.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bargarua-560027
3	SMC	RTGS	ICICR42024121100000899	4,86,75,085.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bargarua-560027
4	CA	RTGS	ICICR42025012700001515	164,36,19,381.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bargarua-560027
5	CAT	RTGS	ICICR42025012700001515	486592000.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bargarua-560027
6	De-Siltation	RTGS	ICICR42025012700001515	7,00,79,000.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bargarua-560027

Sign of User Agency

Sign of DFO (Chatra South)

Sign of DFO (Hazratnagar West)

Sign of Nodal Officer

PROJECT OFFICER
CHAMPALCRAFT OPEN CAST PROJECT
AMARJAL-DHARBHANGI AT, Jharkhand

MAUN PRAKASHI
17.5.24
Divisional Forest Officer
West Division, Hazratnagar

SUMMARY OF THE PERFORMA FOR REMITTANCE OF FUND IN AD-HOC- CAMPA LEVIES FORM (Chandragupt OCP-699.38 Ha).						
SL No	Condition No	Name of Particulars	Chitra South Forest Division demand Raised	Hazaribagh Forest West Division Demand Raised	Payment Made to CAMPA Account Total	Challan Application No
1	3	NPV	49,26,15,446.40	36,66,35,828.00	85,92,51,274.00	58140599645
2	4&9	WLCP	19,47,00,340.00	NA	19,47,00,340.00	58140599645
3	12	SMC	4,86,75,085.00	NA	4,86,75,085.00	58140599645
4	2	CA	82,10,67,915.00	54,51,52,566.00	136,62,20,481.00	58140599331
			27,73,98,900.00	NA	27,73,98,900.00	58140599331
5	5	CAT	37,07,26,000.00	10,98,66,000.00	48,05,92,000.00	58140599331
6	15	De-Siltation	2,66,38,000.00	4,34,41,000.00	7,00,79,000.00	58140599331
		TOTAL DEMAND AMOUNT	223,18,21,686.40	106,50,95,394.00	329,69,17,080.00	
Sign of User Agency			Sign of DFO (Chitra South)	Sign of DFO (Hazaribagh West)	Sign of Nodal Officer	

PROJECT OFFICER
CHANDRAGUPT OCP-699.38 Ha
AMBARALI-CHANDRAGUPT AREA, COA

MAUN PRAKASH
I.F.S.
Divisional Forest Officer
(West Division, Hazaribagh)



Sl No	Particulars	Demand Raised vide	Amount Paid (RS)	UTR No	Date
1	NPV	DFO, Chatra (South) vide Ltr. No. 1129 Dtd. 31.05.2024	49,26,15,446.40	ICICR42024121100000899	11.12.2024
2	WLCP	DFO, Hazaribagh (West) vide Ltr. No. 3331 Dtd. 04.06.2024	36,66,35,828.00	ICICR42024121100000899	11.12.2024
3	SMC	DFO Chatra (South) vide Ltr. No. 2118 Dtd. 25.10.2024	19,47,00,340.00	ICICR42024121100000899	11.12.2024
		DFO Chatra (South) vide Ltr. No. 2117 Dtd. 25.10.2024	4,86,75,085.00	ICICR42024121100000899	11.12.2024
		TOTAL	1102626699.00	ICICR42024121100000899	11.12.2024
4	CA	DFO, (Chatra south) vide letter No: 61 dated 07.01.2025	82,10,67,915.00	ICICR42025012700001515	27.01.2025
		DFO (Hazaribagh West) vide letter no: 216 dated 10.01.2025	54,51,52,566.00	ICICR42025012700001515	27.01.2025
		DFO, Chatra South Forest Division vide letter no : 81 dated 15.01.2025	27,72,98,900.00	ICICR42025012700001515	27.01.2025
		DFO Chatra (South) vide Ltr No: 2343 dated 29.11.2024	37,07,26,000.00	ICICR42025012700001515	27.01.2025
5	CAT	DFO Hazaribagh (West) vide Ltr No: 5987 dated 13.12.2024	10,58,66,000.00	ICICR42025012700001515	27.01.2025
6	De-Situation	DFO Chatra (South) vide the Ltr. No. 2345 Dtd. 29.11.2024	2,66,38,000.00	ICICR42025012700001515	27.01.2025
		DFO Hazaribagh (West) vide their Ltr. No. 5989 Dtd. 13.12.2024	4,34,41,000.00	ICICR42025012700001515	27.01.2025
		TOTAL	219,42,90,381.00	ICICR42025012700001515	27.01.2025
		Total Amount Paid	329,69,17,080.40		

Sign of User Agency
 Sign of DFO (Hazaribagh West)
 Sign of DFO (Chatra South)
 Sign of Nodal Officer

MAUN PRAKASH

Divisional Forest Officer
West Division, Hazaribagh

CHANDRAGUPT OPEN GAIL PROJECT
ANISAPALLI CHANDRAGUPT AREA, CG.

 Coal India Limited A Maharatna Company www.coalindia.co	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	<p style="text-align: right;"><i>Annexure-6</i></p>  भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-6

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District & Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-2(iii)

Chandragupt OCP undertake that "To pay the deficit amount, if any, in respect of Compensatory Afforestation from the money already realized by State Forest Dept.).".


Project Officer
Chandragupt Open Cast Project
CHANDRAGUPT OPEN CAST PROJECT
CCF
AMRAPALI-CHANDRAGUPT AREA, CCL


MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh



Annexure-7

**कार्यालय – वन प्रमंडल पदाधिकारी,
हजारीबाग पश्चिमी वन प्रमंडल, वन भवन, हजारीबाग**

☎ 06546-222339, Email- dfo.hazaribaghw@rediffmail.com & dfo-hazaribaghw@gov.in

सेवा में,

पत्रांक : 3331

दिनांक: 05/06/24

परियोजना पदाधिकारी,
सी०सी०एल०, अमरापाली-चन्द्रगुप्त एरिया,
आकाशदीप, मेन रोड, डकटा,
जिला- राँची, (झारखण्ड), 829201

विषय:- In- principal (Stage-I) approval of (Central Government under Forest (Conservation) Act 1980 for diversion of 699.34 ha. (400.96 ha. in Chatra South Forest Division and 298.42 ha. in Hazaribag West Forest Division) of forest land for Chandragupt Open Cast Coal mining project in favour of M/s CCL in Jharkhand- reg.

प्रस्ताव :- भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली के पत्रांक का पत्रांक 8-24/2023 FC dt. 27.05.2024 एवं आपका पत्रांक 236 दिनांक 29.05.2024।

महाराज,

उपर्युक्त विषयक प्रसंगाधीन पत्र के संदर्भ में सूचित करना है कि चन्द्रगुप्त खुली खदान कोल परियोजना निर्माण हेतु कुल रकबा 699.34 हे० वन भूमि अपयोजन में हजारीबाग पश्चिमी वन प्रमण्डल अन्तर्गत 298.42 हे० वनभूमि प्रस्ताव में भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली के पत्रांक 8-24/2023 FC dt. 27.05.2024 द्वारा 30 शर्तों के साथ स्टेज-I की सैद्धांतिक स्वीकृति प्रदान की गई है, जिसमें शर्त संख्या 3(i) में एन०पी०भी० राशि 36,66,35,828.00 (छतीस करोड़ छियासठ लाख पैतीस हजार आठ सौ अठ्ठाईस रु०) भुगतान राशि e-Portal (<https://parivesh.nic.in/>) के माध्यम से कैंपा के खाता में जमा करते हुए सभी शर्तों का कंडिकावार अनुपालन प्रतिवेदन समर्पित करने का कष्ट करें।

अनु०-यथोक्त।

मांग पत्र संलग्न।

MAUN PRAKASH

Divisional Forest Officer
West Div.

आपका विश्वासी,

वन प्रमंडल पदाधिकारी
हजारीबाग पश्चिमी प्रमंडल

PROJECT OFFICER

Letter to Letter to Users Agency (Chandragupt open cast project CCL 699.38 ha.), doc)

AMRAPALI-CHANDRAGUPT AREA, CCL

मांग पत्र

भारत सरकार द्वारा सैद्धान्तिक सहमति प्रसांग- 8-24/2023 FC dt. 27.05.2024 द्वारा सी0सी0एल0 चन्द्रगुप्त खुली खदान कोल परियोजना 200.42 हे0 भूमि का उपयोग का प्रस्ताव पर भारत सरकार द्वारा सहर्त सैद्धान्तिक सहमति में निहित शर्तों के आलोक में मांग पत्र-


हजारीबाग पश्चिमी वन प्रमण्डल

वनो का घनत्व :- 0.6

इको क्लास :- III

मद	एकता	वर (हे0)	राशि (रु0)
(1.) एन0पी0पी0	288.42 हे0	12,28,590.00	36,66,35,828.00 (छतीस करोड छियासठ लाख पैतीस हजार आठ सौ अठाईस रु0) मात्र।
			36,66,35,828.00 (छतीस करोड छियासठ लाख पैतीस हजार आठ सौ अठाईस रु0) मात्र।

यदि मांग पत्र में संशोधन होता है तो संशोधित राशि विभाग के पक्ष में देय होगा।


वन प्रमण्डल अधिकारी
हजारीबाग पश्चिमी प्रमण्डल


MAUN PRAKASH
Divisional Forest Officer
West Division, Hazaribag



PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA

Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

30/11/2024 11:11

From : monitoring-fc@nic.in

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

To : po.chandragupta <po.chandragupta@coallia.in>

Cc : monitoring-fc@nic.in

Mon, Nov 04, 2024 09:48:1

Annexure-8

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below.

Proposal Detail

1. Proposal No. : FP/JH/MIN/140539/2021
2. Proposal Name : CHANDRAGUPT OCP
3. Category of the Proposal : Mining
4. Date of In-principle : 09/04/2021
5. Name of the Applicant with Contact Details
Name : CHANDRAGUPT OCP
Mobile No. : 8987784169
Email ID : po.chandragupta@coallia.in
State : Jharkhand
District : Chatra
Pincode : 825321

Funds Demand Details

1. Compensatory Afforestation : Rs. 0/-
2. Additional Compensatory Afforestation : Rs. 0/-
3. Penal Compensatory Afforestation : Rs. 0/-
4. Catchment Area Treatment : Rs. 0/-
5. Safety Zone : Rs. 0/-
6. Additional Charges for protected area : Rs. 0/-
7. Net Present Value (NPV) : Rs. 859251274/-
8. Wildlife Conservation Plan : Rs. 134700340/-
9. Soil & Moisture Conservation Plan : Rs. 48675085/-
10. Other Charges1 : Rs. 0/-
11. Other Charges2 : Rs. 0/-
Total Amount : Rs. 1102626699/-

User Agency is requested to make above mentioned payment after generating challan through the system.

(System Administrator)

*** This is a system generated email, please do not reply. ***

MAUN PRAKASH

Divisional Forest Officer
West Division, Hazaribag

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
ADARSH-CHANDRAGUPT AREA, CCL



Date-11-12-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	1102626699.00	1507258140599645	UBIN0996335	ICICR42024121100000899	11-12-2024

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.

This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Ratu Road Ranchi -834001




MAUN PRAKASH
I. S.
Divisional Forest Officer
West Division, Hazaribag




PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AJRIPALI-CHANDRAGUPT AREA, CCL

ICICI Bank Limited
Tower,
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN.: L65190GJ1994PLC021012

Regd. Office : ICICI Bank

Near Chakli Circle,
Old Padra Road,
Vadodara 390 007, India.

 Coal India Limited A Maharatna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	<div style="text-align: right;">- Annexure -</div>  भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-9


Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-3(ii)

Chandragupt OCP undertake that *"The additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India."*


 Project Officer
 Chandragupt Open Cast Project
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL


MAUN PRAKASH
 L.F.S.
 Divisional Forest Officer
 West Division, Hazaribagh



Office of the Divisional Forest Officer,
Chatra South Forest Division, Chatra.
Van Bhavan Chatra



E-mail : dfo-chatrasouth@gov.in Phone : 8987790213

Letter No. 2118 Dated 25/10/2024

To

The Project Officer,
Chandragupt OCP,
Amrapali-Chandragupt Area.

Subject: Charging of an lump sum amount of the project cost towards the cost of implementation of the Wildlife Conservation Plan against 699.38 Ha of Forest Land in respect of Stage-I obtained for mining operations of Chandragupt OCP.

Ref: Your Letter No. GM(A-C)/PO CHANDRAGUPT/FC/2024/271 dated 19.10.2024.

Sir,

Through above mentioned letter, a request has been made that, as per MoEF&CC, GoI Guideline dated 7th June, 2022, in cases where it is not possible for the state to submit the compliance due to delay in preparation and approval of such plan, a lump sum quantum of project cost may be realized from the User Agency and submitted along with the Stage-I compliance.

Accordingly, It has been requested to raise a demand of indicative amount equal to 2% of the project cost for implementation of Wildlife Conservation Plan as mandated under the principle approval of the project. The estimated cost of project has been mentioned to be 973.5017 Crore in part A-1(vii) of part-I.

Therefore, it is requested to deposit the indicative lump sum amount of Rs. 19,47,00,340.00 (2% of the Project Cost) in CAMPA Account for Wildlife Conservation Plan. The amount should be deposited to CAMP Afund only through e-portal (<https://parivesh.nic.in>) against 699.38Ha of Forest Land in favour of Chandragupt OCP along with an undertaking for depositing additional amount, if so determined, as per final approval of the Wildlife Conservation Plan.

Sent for further necessary action.

Yours faithfully

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA
Divisional Forest Officer
Chatra South Forest Division, Chatra.

25/10/2024
25/10/2024

MAUN PRAKASH

Divisional Forest Officer
West Division, Hazariba

Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

2024/11/04

From : monitoring-fc@nic.in

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

To : po.chandragupta <po.chandragupta@coailindi.in>

Cc : monitoring-fc@nic.in

Annexure-11
Mon, Nov 04, 2024 04:48 I

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below.

Proposal Detail

1. Proposal No.	: FP/JH/MIN/140599/2021
2. Proposal Name	: CHANDRAGUPT OCP
3. Category of the Proposal	: Mining
4. Date of In-principle	: 09/04/2021
5. Name of the Applicant with Contact Details	
Name	: CHANDRAGUPT OCP
Mobile No.	: 8987784169
Email ID	: po.chandragupta@coailindi.in
State	: Jharkhand
District	: Chatra
Pincode	: 825321

Funds Demand Details

1. Compensatory Afforestation	: Rs. 0/-
2. Additional Compensatory Afforestation	: Rs. 0/-
3. Penal Compensatory Afforestation	: Rs. 0/-
4. Catchment Area Treatment	: Rs. 0/-
5. Safety Zone	: Rs. 0/-
6. Additional Charges for protected area	: Rs. 0/-
7. Net Present Value (NPV)	: Rs. 859251274/-
8. Wildlife Conservation Plan	: Rs. 194700340/-
9. Soil & Moisture Conservation Plan	: Rs. 48675085/-
10. Other Charges1	: Rs. 0/-
11. Other Charges2	: Rs. 0/-
Total Amount	: Rs. 1102626699/-

User Agency is requested to make above mentioned payment after generating challan through the system.

(System Administrator)

*** This is a system generated email, please do not reply. ***

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AJWAI CHANDRAGUPT AREA, COI

MAUN PRAKASH

Subdivisional Forest Officer
Ajwai



Date-11-12-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	11026266 99.00	15072581405 99645	UBIN099 6335	ICICR4202412110 0000899	11- 12- 202 4

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.


This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Ratu Road Ranchi -834001


CHANDRAGUPT
AMRAPALI-CHANDRAGUPT AREA, G.W.


MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazratnagar



ICICI Bank Limited
Tower,
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN.: L65190GJ1994PLC021012

Regd. Office : ICICI Bank

Near Chakti Circle,
Old Padra Road,
Vadodra 390 007, India.

Annexure-12

 Coal India Limited A Maharatna Company www.cilindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VIC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-12

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-4

Chandragupt OCP undertake that ***"A Site-Specific Wildlife Conservation plan duly approved by CWLW shall be prepared and same shall be implemented at the cost of user agency"***

man
MAUN PRAKASH
 I.F.O.,
 Divisional Forest Officer
 West Division, Hazaribagh

25/1/24
 Project Officer
 Chandragupt Open Cast Project
 PROJECT OFFICER
 CHANDRAGUPT OPEN CAST PROJECT
 CCL
 AMRAPALI-CHANDRAGUPT AREA, CCL

Annexure 22

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND/SUMMARY OF PAYMENT Chandragupt OCP (699.38 Ha)

S.N	Column 1	Column 2
1	Name of Regional Office	Integrated Regional office Ranchi
2	State/District/Forest Division to which the proposal relates	Jharkhand/Chatra&Hazariabagh/Chatra South & Hazariabagh West
3	Name of User Agency, Name of Proposal	Central coalfields limited, Chandragupt Opencast Mining Project
4	Nature of Category of Proposal	Mining
5	Proposal No.	FP/H/MIN/140599/2021
6	Extent of Forest Area involved	699.38 Ha
7	Whether original or extension	Original (land acquired under CBA Act)
8	If the extension of lease, please clarify if proposal involves additional forest area and if so specify	NA
9	Dated of 1st Stage clearance	File No. 8-24 /2023-FC dated 27.05.2024
10	Extent of CAMPA Charges, head wise viz.	
	a) Compensatory afforestation	Rs 164,36,19,381.00
	b) Additional compensatory afforestation	NA
	c) Penal compensatory afforestation	NA
	d) Catchment area treatment	Rs 19,47,00,340.00
	e) De-Siltation Plan	Rs 7,00,79,000.00
	f) Additional charges for diversion of area falling under notified/protected area	Nil
	g) Net present value	Rs. 85,92,51,274.40
	h) any other charges/levies (please specify) Safety Zone + Forest Produce + Cess + Tax- Penal NPV	NA
	i. Penal NPV	NA
	ii. Soil and Moisture Conservation Plan (SMC) (@ 0.5% of Project Cost)	Rs 4,86,75,085.00
	iii. Wildlife management plan (WLCP)@2% of Project Cost	Rs 48,05,92,000.00
	Total =	Rs 329,69,17,080.40
11	If the payment made through challan or otherwise in case of online payment, details of challan	Attached

Sign of User Agency

Sign of DFO (Chatra South)

Sign of Nodal Officer

PROJECT OFFICER

CHANDRAGUPT OPEN CAST PROJECT
AMRABALI CHANDRAGUPT AREA

Divisional Forest Officer
West Division, Hazariabagh

12 Details of deposits						
SL No	Type of Deposit (NPV/CA/WM P/Others)Specify	Whether (RTGS/DD /NEFT (Specify)	UTR/DD No.	Amount Deposit (Rs.)	Dated of Deposit	Name of Bank from which amount transferred to account of CAF Bank Account of CAF managed by CAMPA in which fund deposited.
1	NPV	RTGS	ICICR42024121100000899	85,92,51,274.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Bharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
2	WLCP	RTGS	ICICR42024121100000899	19,47,00,340.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Bharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
3	SMC	RTGS	ICICR42024121100000899	4,86,75,085.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Bharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
4	CA	RTGS	ICICR42025012700001515	164,36,19,381.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Bharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
5	CAT	RTGS	ICICR42025012700001515	48,59,20,000.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Bharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
6	De-Siltation	RTGS	ICICR42025012700001515	7,00,79,000.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Bharkhand (A/C No1507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027

Sign of User Agency
PROJECT OFFICER

MAUNIPRAKASHI (West)

Sign of DFO (Chatra South)

Sign of Nodal Officer

CHANGRAGUPTI OPEN CAST MINING
MIRAPALU CHANGRAGUPTI AREA, G.O.

Divisional Forest Officer
West Division, Mozaribag

SUMMARY OF THE PERFORMA FOR REMITTANCE OF FUND IN AD-HOC- CAMPA LEVIES FORM (Chandragupt OCP-699.38 Ha).						
SL No	Condition No	Name of Particulars	Chatra South Forest Division demand Raised	Hazaribagh Forest West Division Demand Raised	Payment Made to CAMPA Account Total	Challan Application No
1	3	NPV	49,26,15,446.40	36,66,35,828.00	85,92,51,274.00	58140599645
2	4&9	WLCP	19,47,00,340.00	NA	19,47,00,340.00	58140599645
3	12	SMC	4,86,75,085.00	NA	4,86,75,085.00	58140599645
4	2	CA	82,10,67,915.00	54,51,52,566.00	136,62,20,481.00	58140599331
			27,73,98,900.00	NA	27,73,98,900.00	58140599331
5	5	CAT	37,07,26,000.00	10,98,66,000.00	48,05,92,000.00	58140599331
6	15	De-Siltation	2,66,38,000.00	4,34,41,000.00	7,00,79,000.00	58140599331
		TOTAL DEMAND AMOUNT	223,18,21,686.40	106,50,95,394.00	329,69,17,080.00	
Sign of User Agency		Sign of DFO (Chatra South)	Sign of DFO (Hazaribagh West)		Sign of Nodal Officer	

PROJECT OFFICER

CHANDRAGUPT OPEN CAST PROJECT
ASTAPALUCHANDRAGUPT AREA, CU

Divisional Forest Officer
West Division, Hazaribagh

L.F.

MAUN PRAKASH

Sl No	Particulars	Demand Raised vide	Amount Paid (RS)	LTR No	Date
		DFO, Chatra (South) vide Ltr No. 1129 Dtd. 31.05.2024	49,26,15,446.40	ICICR42024121100000899	11.12.2024
1	NPV	DFO, Hazaribagh (West) vide Ltr No. 3331 Dtd. 04.06.2024	36,66,35,828.00	ICICR42024121100000899	11.12.2024
2	W/LCP	DFO Chatra (South) vide Ltr No. 2118 Dtd. 25.10.2024	19,47,00,340.00	ICICR42024121100000899	11.12.2024
3	SMC	DFO Chatra (South) vide Ltr No. 2117 Dtd. 25.10.2024	4,86,75,085.00	ICICR42024121100000899	11.12.2024
		TOTAL	1102626699.00	ICICR42024121100000899	11.12.2024
		DFO, (Chatra south) vide letter No/61 dated 07.01.2025	82,10,67,915.00	ICICR42025012700001515	27.01.2025
		DFO (Hazaribagh West) vide letter no. 216 dated 10.01.2025	54,51,52,566.00	ICICR42025012700001515	27.01.2025
4	CA	DFO, Chatra South Forest Division vide letter no. 81 dated 15.01.2025	27,73,98,900.00	ICICR42025012700001515	27.01.2025
		DFO Chatra (South) vide Ltr No. 2343 dated 29.11.2024	37,07,26,000.00	ICICR42025012700001515	27.01.2025
5	CAT	DFO Hazaribagh (West) vide Ltr No. 5987 dated 13.12.2024	10,98,66,000.00	ICICR42025012700001515	27.01.2025
		DFO Chatra (South) vide the Ltr No. 2345 Dtd. 29.11.2024	2,66,38,000.00	ICICR42025012700001515	27.01.2025
6	De-Siltation	DFO Hazaribagh (West) vide their Ltr No. 5989 Dtd. 13.12.2024	4,34,41,000.00	ICICR42025012700001515	27.01.2025
		TOTAL	219,42,90,381.00	ICICR42025012700001515	27.01.2025
		Total Amount Paid		329,69,17,980.40	

Sign of User Agency  Sign of DFO (Chatra South) Sign of DFO (Hazaribagh West) Sign of Nodal Officer
 PROJECT OFFICER

MAUN PRAKASH

Divisional Forest Officer
West Division, Hazaribagh

CHANDRAGUPT OPEN CAST PROJECT
AGRA PALU-CHANDRAGUPT AREA, CO.

Annexure-13



Office of the Principal Chief Conservator of Forests

Van Bhawan, Doranda, Ranchi - 834 002
Email: pccf-jhk@gov.in, Phone No. 0651-2481909

Office order No. 172 dated 28.11.2024

Sanction Order of the Catchment Area Treatment Plan with reference to non-forestry use of 699.38 ha of forest land for Chandragupta Open Cast Mine in favour of M/s Central Coalfields Limited (CCL)


The instant Catchment Area treatment Plan (referred to as "the Plan" here in after) has been submitted by M/s. **Central Coalfields Limited (CCL)** (referred to as "The User Agency or M/s CCL") in pursuance of the condition number- 5 laid by the MoEF&CC vide letter no. 8-24/2023-FC dated 27.05.2024 for the diversion of 699.34 ha (400.96 ha in Chatra South Forest Division and 298.42 ha in Hazaribagh West Forest Division) of forest land for Chandragupta Open Cast Coal mining project in favour of M/s Central Coalfield Limited (CCL).

Condition no. 5 of Stage-1 approval: "To mitigate the impact on water of Barki river and other rivulets/nalas, a Catchment Area Treatment (CAT) Plan shall be prepared and implemented at the cost of the user agency".

2. In compliance of the aforesaid condition laid by MoEF&CC, the User Agency M/s Central Coalfields Limited (CCL) submitted a site-specific Catchment Area Treatment (CAT) Plan for diversion of forest land proposal of Chandragupta Open Cast Mining Project prepared in consultation with the forest officials including DFO, Chatra South and Hazaribagh West Forest Division, the CFs and RCCF, Hazaribagh.

3. In the above stated background, the Regional Chief Conservator of Forests, Ranchi (RCCF, Hazaribagh) vide his letter no. 2014 dated 14.11.2024 submitted the Plan to the office of the undersigned for its consideration for sanction.

4. In order to examine the plan prescriptions a communication was issued to the Regional Chief Conservator of Forests, Ranchi, vide this office letter no. 2850 dated


28.11.2024


MAUN PRASAD
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh


PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AURAPALL-CHANDRAGUPTA AREA, CCL

18.11.2024 to arrange a presentation of the plan on 27.11.2024 in the conference hall of the undersigned. The presentation was made by the Project proponent in the presence of Regional Chief Conservator of Forests, Hazaribagh, CF, Chatra, CF, Hazaribagh, DFO, Chatra South and DFO, Hazaribagh West Forest Division. Project Officer, Chandragupta OCP, Nodal Officer CCL/SCOMPL, Shri Hemant Kumar, SIDHA, Dr. Manish Kumar, SIDHA, Ms. Diksha Lakra, SIDHA, Ms. Nikita, SIDHA were also present during the presentation.


5. After deliberation on various provisions of the proposed Plan and the presentation, it was observed that the impact area has been considered as the geographical area within 10 km radius around the proposed site of the mine's boundary to the limit of administrative jurisdiction of Chatra South Forest Division/Chatra district and Hazaribagh West Forest Division in Hazaribagh District. The Geographical area of the ZOI comes out to be 312.94 sq.km. A total of 136.96 sq.km (approx.) of Forest Land constitutes a part of the impact Area which is under exclusive management and control of the Forest Department. The Impact Area consists of altogether 93 villages. The proposed 93 villages also include the mining sites and hence the exclusive impact zones have only 84 villages.

6. The cost of the proposed 10-year Site-Specific Catchment Area Treatment (CAT) Plan with respect to the activities to be carried out by DFO, Chatra South and DFO, Hazaribagh West Forest Division has been estimated to be Rs. 4805.95 lakh. The summary of the proposed interventions (component wise) under the Plan with the objective of conservation of forest resources as also to mitigate the impacts of mining on forests and wildlife is as follows:

**Summary of the Site-Specific Catchment Area Treatment (CAT) Plan for
Chandragupta Open Cast Mine project**

Sl. No.	Activity Head	Chatra South Forest Division (Rs. in Lakh)	Hazaribagh West Forest Division (Rs. in Lakh)	Total (Rs. in Lakh)
1.	Bio-engineering measures	118.00	59.83	175.83
2.	Engineering measures	947.40	385.80	1333.20
3.	Water storage structures	85.00	0.00	85.00


28.11.2024


MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMTAPALI CHANDRAGUPTA AREA, CCL

4.	Livelihood	570.00	210.00	780.00
5.	Monitoring & Study for implementation	165.00	15.00	180.00
6.	Energy saving intervention	600.00	74.50	674.50
7.	Capacity building cost for villagers and staff	384.34	100.00	484.34
	Total	2851.74	845.13	3696.87
	Administrative cost for implementation @10%	285.17	84.51	369.68
	Cost Escalation @ 20%	570.35	169.03	739.38
	Grand Total	3707.26	1098.66	4805.92

10. The Plan with a total financial outlay of Rs. 4805.92 lakh extends over a period of 10 years and shall be utilized by the Forest Department through the DFO, Chatra South and DFO, Hazaribagh West Forest Division in accordance with the Plan prescriptions.

11. Considering the proposals under the plan submitted by the User Agency and recommendation of the concerned forest officers, sanction is hereby accorded to the instant Plan subject to the following conditions:

- (i) That the User Agency shall ensure that its officials/contractors and the work force engaged into mining and allied operations under the Project shall not commit or abet any forest/wildlife offence in their area of operation. They will also promptly report any forest/wildlife offence in the area to the nearest forest office/official. Further, they will extend their full cooperation to the forest officials in control/mitigation of any incident, natural or man-made, detrimental to forest and wildlife in their area of operation.
- (ii) That the total amount of Rs. Rs. 4805.92 lakh (Rupees forty eight crore five lakh and ninety two thousand only) shall be deposited by the User Agency into CAMPA account under the relevant head/sub-head and shall be utilized by the State Forest Department through the DFO, Chatra South and DFO, Hazaribagh West Forest Division as delineated under the Plan.


[Signature]
28.11.2024

MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMTAPALI CHANDRAGUPT AREA, CCL

strictly in accordance with the prevailing norms under the Jharkhand Forest Department.

- (iii) That as regards the funds earmarked against activities to be undertaken by the State Forest Department, DFO, Chatra South and DFO, Hazaribagh West Forest Division shall prepare a detailed Annual Plan of Operations (APO) in the beginning of every financial year in respect of the instant Plan following all the rules, regulations, Schedule of Rates etc. issued from time to time by the State Government/ Forest Department. Regional Chief Conservator of Forests, Hazaribagh shall supervise & closely monitor the progress of the activities undertaken by DFO, Chatra South and DFO, Hazaribagh West Forest Division respectively as per the approved APO & funds released under CAMPA.
- (iv) That the Conservator of Forests, Hazaribagh and Chatra shall supervise all the activities as per directions issued by the Forest Department from time to time.
- (v) That the DFO, Chatra South and DFO, Hazaribagh West Forest Division shall carry out the activities under the Plan strictly as per the duly sanctioned APO.
- (vi) That both the DFOs shall ensure that no violation of duly sanctioned Working Plan of their Forest Divisions takes place during implementation of any of the activities involved in this plan over notified and demarcated forest land.
- (vii) That the instant Plan is dynamic and be reviewed after 5 years to assess its compatibility with mining and its concurrent reclamation activities and a revised Plan be formulated as per requirement.
- (viii) That though adequate provisions have been made towards cost escalation in the plan viz. increase in wage rate/ material cost etc., yet the User Agency shall submit an undertaking to the DFO, Chatra South and DFO, Hazaribagh West Forest Division to the effect that it will deposit extra cost of the plan beyond the cost escalation provision owing to increase in wage


28.11.2024


MAUN PRAKASH
IFS
Divisional Forest Officer
West Division, Hazaribagh


PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
CHANDRAGUPT AREA C/L

rate etc. in due course of time as well as consequent upon revision in the plan, if any, as and when given effect to by the competent authority.

Sd/-
Principal Chief Conservator of Forests,
Jharkhand, Ranchi

Memo No. dated

Copy forwarded to Deputy Director General of Forests (Central), Ministry of Environment, Forest & Climate Change, Integrated Regional Office, Ranchi, Harmu Housing Colony, Ranchi [email: ro.ranchi-mef@gov.in] / Principal Chief Conservator of Forest-cum-Executive Director, Waste Land Development Board, Jharkhand, Ranchi / Additional PCCF, CAMPA along with a copy of the Plan, for information and necessary action.

Sd/-
Principal Chief Conservator of Forests,
Jharkhand, Ranchi

Memo No. 2929 dated 28/11/2024

Copy forwarded to Regional Chief Conservator of Forest, Hazaribagh / Conservator of Forest, Hazaribagh / Chatra / DFO, Chatra South / Hazaribagh West Forest Division for information and necessary action.


28.11.2024
Principal Chief Conservator of Forests,
Jharkhand, Ranchi

map
MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

PROJECT OFFICER
CHANDRAKUPT OPEN CAST PROJECT
CHANDRAKUPT ARFA CCL



कार्यालय - वन प्रमंडल पदाधिकारी,
हजारीबाग पश्चिमी वन प्रमंडल, वन भवन, हजारीबाग

☎ 06586-222379, Email- office.hazaribag@forest.gov.in & office.hazaribag@westdivison.in

सेवा में

प्रक्रिया : 5387

दिनांक : 13/12/24

परिवर्तन पदाधिकारी,
बनभवन (बी०एफ०बी०),
बी०एफ०बी० भवन, चण्डी,
पोस्ट-टंडवा, जिला-बारा 825321

विषय :-

Sanction Order of the Catchment Area Treatment Plan with reference to non-forestry use of 699.38 ha of forest land for Chandragupta Open Cast Mine in favour of M/s Central Coalfields Limited (CCL)

प्रसंग :-

प्रधान मुख्य वन संरक्षक, झारखण्ड, चण्डी का तारीख 28.11.2024

महाराज,

उपरोक्त विषयक प्रसंगधीन पत्र के संघर्ष में सूचित करना है कि भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली का पत्रक 8-24/2023 FC दिनांक 27.05.2024 द्वारा स्टेज -I में लगाये गये condition No. 5 of the said letter- "To mitigate the impact on water of Backi river and other rivulets/nalas, a Catchment Area Treatment (CAT) Plan shall be prepared and implemented at the cost of the user agency". The commensurate funds shall be deposited in National Authority prior to Stage-II approval" के अनुपालन में प्रधान मुख्य वन संरक्षक, झारखण्ड, चण्डी का स्थापित आदेश संख्या 172 एवं तारीख 28.11.2024 द्वारा Site-Specific Catchment Area Treatment Plan स्वीकृत किया गया है (प्रति संलग्न)।

Name of Division	Deposited amount for Catchment Area Treatment Plan (Rs in lakhs)
Chairs South Forest Division	3707.26
Hazaribagh West Forest Division	1098.66
Total :-	4805.92

उपरोक्त condition No. 5 के अनुपालन के क्रम में वन प्रमंडल पदाधिकारी, चतरा दक्षिणी वन प्रमंडल को Catchment Area Treatment Plan- 3707.26 लाख रु० एवं हजारीबाग पश्चिमी वन प्रमंडल को 1098.66 लाख रु० की स्वीकृति दी गई है।

अतः अनुरोध है कि वन प्रमंडल पदाधिकारी, चतरा दक्षिणी वन प्रमंडल 3707.26 लाख एवं हजारीबाग पश्चिमी वन प्रमंडल को 1098.66 लाख रु० कुल रु० 4805.92 (in lakhs) ई-वेनेन्ट के माध्यम से Ad-hoc कीमा के खाते में जमा करते हुए खातन की सहायता प्रति इस कार्यालय में समर्पित करना सुनिश्चित किया जाय ताकि अवसर बरखाई किया जा सके।

अनुसन्धक-प्रशिक्षक।

आपका निवेदनी

वन प्रमंडल पदाधिकारी
हजारीबाग पश्चिमी प्रमंडल

MAUN PRAKASH

Divisional Forest Officer
West Division, Hazaribagh

Letter to Letter to User Agency (Chandragupta open cast project, CCL 699.38 ha.)

CHANDRAGUPTA OPEN CAST PROJECT
AND PALLI-CHANDRAGUPTA AREA, CCL

Email

Sanjeev Kumar

Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

From : monitoring-fc@nic.in

Wed, Jan 22, 2025 04:08 PM

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

To : po.chandragupta <po.chandragupta@coalindia.in>

Cc : monitoring-fc@nic.in

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below.

Proposal Detail

1. Proposal No. : FP/JH/MIN/140599/2021
2. Proposal Name : CHANDRAGUPT OCP
3. Category of the Proposal : Mining
4. Date of In-principle : 09/04/2021
5. Name of the Applicant with Contact Details

Name : CHANDRAGUPT OCP
Mobile No. : 8987784169
Email ID : po.chandragupta@coalindi
a.in
State : Jharkhand
District : Chatra

man
MAUN PRAKASH
Divisional Forest Officer
West Division, Hazaribag

Annexure -15

man
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
MAUN PRAKASH
CHANDRAGUPT OPEN CAST PROJECT

Pincode

: 825321

Funds Demand Details

1. Compensatory Afforestation	: Rs. 1643619381/-
2. Additional Compensatory Afforestation	: Rs. 0/-
3. Penal Compensatory Afforestation	: Rs. 0/-
4. Catchment Area Treatment	: Rs. 480592000/-
5. Safety Zone	: Rs. 0/-
6. Additional Charges for protected area	: Rs. 0/-
7. Net Present Value (NPV)	: Rs. 0/-
8. DE-SILTATION	: Rs. 70079000/-
9. Other Charges1	: Rs. 0/-
10. Other Charges2	: Rs. 0/-
11. Other Charges3	: Rs. 0/-
Total Amount	: Rs. 2194290381/-

User Agency is requested to make above mentioned payment after generating challan through the system.

(System Administrator)

*** This is a system generated email, please do not reply. ***

MAUN PRAKASH

Project Officer
Forest Division, Jharkhand

PROJECT OFFICER

CHANDRASEKHAR DEB
CHANDRASEKHAR DEB
CHANDRASEKHAR DEB



Date-27-01-2025

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	21942903 81.00	15072581405 99331	UBIN099 6335	ICICR4202501270 0001515	27- 01- 202 5

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.

This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Ratu Road Ranchi -834001


PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PIT
AMRAPALI CHANDRAGUPTA AREA


MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribag

ICICI Bank Limited
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN: L65190GJ1994PLC021012

Regd. Office : ICICI Bank Tower,
Near Chakli Circle,
Old Padra Road,
Vadodra 390 007, India.

Annexure-16

Top Soil Management

of

Chandragupt OCP

(Normative-15.00/Peak-20.00 MTPA)

Project Area- 1495 Ha

**(North Karanpura Coalfields, Dist: Hazaribagh & Chatra
State: Jharkhand)**



Maun
MAUN PRAKASH
IFS
Divisional Forest Officer
West Division, Hazaribagh

July 2024

**Central Mine Planning and Design Institute Limited
Gondwana Place, Kanke Road, Ranch**

PROJECT OFFICER
CHANDRAGUPT WEST OCP PROJECT
RAMPALI CHANDRAGUPT AREA ECL


Topsoil Management of Chandragupt OCP

1. Project Description:

Chandragupt OCP is a Greenfield opencast coal mining project located in the North Karanpura Coalfields, falling in both Hazaribagh & Chatra districts of Jharkhand. This project is covered in Survey of India Topo-sheet no. 73A/13 and 73E/1, and is bounded between latitude 23°51'30" to 23°54'45" N and longitude 85°01'15" to 85°03'15".

The details of revenue villages falling within the project boundary are as given below:

Sl.No	District	Tehsil	Villages
01	Hazaribagh	Keradari	Badhaikhap, Bulku, Chatti-Bariyatu, Jordag, Nawakhap, Pachra/Pachanda, Peto, Sijhua
02	Chatra	Tandwa	Usru

	Node	Latitude	Longitude
	A	23°54'37.00"N	85° 1'36.52"E
	B	23°54'13.98"N	85° 3'11.60"E
	C	23°51'22.45"N	85° 3'11.99"E
	D	23°51'23.49"N	85° 2'5.42"E
	E	23°51'45.80"N	85° 1'50.02"E
	F	23°52'40.52"N	85° 2'3.06"E
	G	23°52'46.74"N	85° 1'24.78"E
	H	23°53'21.39"N	85° 1'39.11"E
	I	23°53'54.10"N	85° 1'15.39"E

Maun
MAUN PRAKASH
Divisional Forest Officer
West Division, Hazaribagh

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AIRAPALI-CHANDRAGUPT AREA, CCL

2. Physiology and Drainage

Climate

The climate is tropical with severe summer. The temperature during summer (March-June) goes as high as 45°C. Summer days are hot with dusty wind, but nights are generally pleasant. The minimum summer temperature is 23°C. The winter (November-February) is cold and the minimum temperature recorded is 2 to 3°C. The average annual rainfall in the district is 1225.6 mm. During the monsoon season June to September the district receives about 85% of the annual rainfall. July is the rainiest month with an average rainfall of 315.7 mm.

Topography

The block is characterized by more or less flat terrain with gentle undulations. The maximum elevation of 500m is observed near borehole no CNKP-88 & CNKP-91. The minimum elevation is about 445m on the bank of the Barki River.

Drainage

Barki River flowing from North-South direction forms the principal drainage within the study area. It flows in the North-South direction and touches the western boundary of the ML area. The Chundru River marks the southern boundary of the block whereas Barki River is the western limit of the boundary at 60m. The study area also shows the presence of the Garhi River. The Barki River and Chundru River are the major tributaries of Garhi River. The southerly flowing Garhi River is the master drainage and perennial source of water for the area. The drainage pattern of the area is mostly dendritic in nature, wherein the smaller stream meets the larger at an acute angle.

3. Present Landuse

Chandragupt OCP is a green-field project, and hence core zone mainly consists of forestland, vegetation and agricultural land. No industrial activity observed in the core zone. The detailed land use pattern as per the remote sensing data is as given below.

Table: Landuse Pattern of Study area- Core Zone and Buffer Zone

Area Statistics - Chandragupth OCP (2022)						
Classes		Colour	Core Zone		Buffer Zone	
Level-I	Level-II		Area (Km ²)	% of Total	Area (Km ²)	% of Total
Forest Land	Dense Forest		0.00	0.00	18.50	20.53
	Open Forest		1.41	22.82	81.09	95.90
	Total Forest Land		1.41	22.82	100.00	100.00
	Scrubs		3.23	21.56	67.84	14.55
Plantation Area	Forest Plantation		0.00	0.00	0.00	0.00
	Plantation on O/R		0.00	0.00	0.15	0.03
	Plantation on Backfill		0.00	0.00	0.00	0.00
	Total Plantation Area		0.00	0.00	0.15	0.03
Agriculture Land	Crop Land		1.34	8.25	61.06	12.75
	Fallow Land		6.38	42.64	132.63	28.56
	Total Agriculture Land		7.62	50.89	193.69	41.31
Waste Land	Waste Land		0.15	1.00	8.22	1.71
	Soil Body		0.00	0.00	2.10	0.45
	Total Waste Land		0.15	1.00	10.32	2.15
Mining Area	Coal Quarry		0.00	0.00	1.05	0.22
	Barren O/R Dump		0.00	0.00	1.66	0.35
	Back Fill		0.00	0.00	2.18	0.46
	Coal Dumps		0.00	0.00	0.57	0.01
	Water Filled Qty		0.00	0.00	0.30	0.06
	Total Mining Area		0.00	0.00	5.82	1.21
Settlements	Urban Settlements		0.38	2.56	6.55	0.07
	Rural Settlements		0.10	0.66	2.50	0.03
	Industrial Settlements		0.00	0.00	3.18	0.06
	Total Settlement Area		0.48	3.22	12.23	1.34
Water Body	River/ Ponds		0.14	1.04	8.54	1.79
Total Area			14.95	100.00	479.32	100.00

MAUN PRAKASH
Divisional Forest Officer
West Division, Hazaribagh

4. Soil Quality Status

Soil samples were collected from three identified locations around the study area during study period to generate primary information on soil quality prevailing in the study area. These samples were collected once during the study period and preserved in polythene bags / Pet jar having lock facility. The parameters tested and methodology adopted are as follows:

Sn	Parameter	Unit	Test Method
1	pH	-	IS:2720 (Part 26)
2	Water Holding Capacity	%	USDA Method
3	Electrical Conductivity	$\mu\text{S/cm}$	IS: 14767:2000
4	Available Nitrogen	kg/ha	TP/C/4.7
5	Available Phosphorus	kg/ha	TP/C/4.5
6	Available Potassium	kg/ha	TP/C/4.6
7	Sodium absorption ratio (SAR)	-	S.K. Maithi (Volume 2)
8	Available Organic Carbon	%	IS:2720 (PART 22)
9	Cation exchange capacity	meq/100g	TP/C/4.14
10	Specific Gravity	-	IS:2720 (PART 3)
11	Field Capacity	%	S.K. Maithi (Volume 2)
12	Wilting Coefficient	%	S.K. Maithi (Volume 2)
13	Texture	-	IS:2720 (PART 4)
	a) Sand	%	IS:2720 (PART 4)
	b) Silt	%	IS:2720 (PART 4)
	c) Clay	%	IS:2720 (PART 4)

The detailed observation made for soil quality during the study period is below -

Table: Soil Monitoring at Station S1

Location: Bhadai khap Village Agriculture Land (S1)

Sl. No.	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH	6.6	6.2	6.8
2	Elec. Conductivity ($\mu\text{ mhos/cm}$)	324.6	298.7	267.5
3	Nitrogen Av. (kg/ha)	422.7	378.0	268.6
4	Phosphorous Av. P_2O_5 (kg/ha)	16.3	11.5	8.7
5	Potash Av. (kg/ha)	286.5	241.2	179.1
6	Organic Carbon (%)	0.62	0.51	0.34
7	Specific Gravity (%)	2.3	2.4	2.5
8	SAR (meq/l)	1.08	1.1	1.06
9	WHC (%)	34.6	28.9	25.6
10	Field capacity (%)	14.2	15.9	16.2

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 West Division, Hazar

11	Wilting Coefficient	0.72	0.67	0.54
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	Sandy Loam
B	Sand(%)	57.2	55.7	59.1
C	Silt(%)	26.4	32.0	31.6
D	Clay(%)	16.4	12.3	9.3
13	Cation Exchange Capacity (meq/100g)	31.4	29.2	30.5

Table: Soil Monitoring at Station S2

Location: Bhadai khap Village Barren Land (S2)

Sn	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH (1:5)	6.1	5.8	5.5
2	Elec. Conductivity (μ mhos/cm)	307.2	359.7	326.2
3	Nitrogen Av.(kg/ha)	274.1	231.0	144.6
4	Phosphorous Av. P2O5 (kg/ha)	7.1	5.2	3.8
5	Potash Av.(kg/ha)	193.6	147.7	124.0
6	Organic Carbon (%)	0.31	0.21	0.10
7	Specific Gravity (gm/cc)	2.4	2.6	2.5
8	SAR (meq/l)	1.2	1.3	1.2
9	Water holding Capacity (%)	18.7	19.6	26.5
10	Field capacity (%)	8.6	7.8	6.8
11	Wilting Coefficient	0.60	0.57	0.48
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	Sandy loam
B	Sand(%)	58.3	59.4	61.2
C	Silt(%)	31.9	32.8	32.4
D	Clay(%)	9.7	7.8	6.4
13	Cation Exchange Capacity (meq/100g)	20.7	18.1	16.1

Table Soil Monitoring at Station S3

Location: Bukru Village Forest Land (S3)

Sl. No.	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH	6.3	6.4	6.5
2	Elec. Conductivity (μ mhos/cm)	271.3	297.6	262.1
3	Nitrogen Av.(kg/ha)	308.4	273.2	200.0
4	Phosphorous Av. P2O5 (kg/ha)	10.4	8.6	7.5
5	Potash Av.(kg/ha)	282.5	210.5	186.2
6	Organic Carbon (%)	0.52	0.38	0.27

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Divisional Forest Officer
West Division, Hazaribagh

7	Specific Gravity (%)	2.3	2.2	2.3
8	SAR (meq/l)	1.1	1.1	1.0
9	WHC (%)	29.6	28.6	25.7
10	Field capacity (%)	12.3	14.3	12.8
11	Wilting Coefficient	0.66	0.65	0.54
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	Sandy loam
B	Sand(%)	57.2	59.4	58.4
C	Silt(%)	30.0	30.9	35.1
D	Clay(%)	12.7	9.6	6.4
13	Cation Exchange Capacity (meq/100g)	29.2	25.5	21.9

Table showing Soil Classification

Soil Test	Classification
pH	<4.5 Extremely acidic 4.51-5.50 Very Strongly Acidic 5.51-6.0 Moderately Acidic 6.01-6.50 Slightly Acidic 6.51-7.30 Neutral 7.31-7.80 Slightly Alkaline 7.81-8.50 Moderately Alkaline 8.51-9.0 Strongly Alkaline 9.01 Very Strongly Alkaline
Salinity Electrical Conductivity (mmhos/cm) (1ppm = 640 mmho/cm)	Up to 1.00 Average 1.01-2.00 harmful to germination 2.01 - 3.00 harmful to crops (sensitive to salts)
Nitrogen (kg/ha)	Upto 50 very Less 51-100 Less 101-150 Good 151-300 Better >300 sufficient
Phosphorous (kg/ha)	Upto 15 Very Less 16-30 Less 31-50 Medium 51-65 on an Average Sufficient 66-80 Sufficient >80 more than Sufficient
Potassium (kg/ha)	0-120 very less 120-180 less 181-240 medium 241-300 average 301-360 better >360 more than sufficient

Source: Handbook of Agriculture, Indian Council of Agricultural Research, New Delhi *

Rating chart for the soil test data for Organic Carbon

Soil Parameters	Low	Medium	High
Organic Carbon	< 0.50 %	0.50 - 0.75%	> 0.75%

Source: Text Book of Soil Science by R. K. Mehra

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Divisional Forest Officer
West Division, Hazaribag

Table: Soil Observation & Classification as per ICAR Soil Classification Standard and rating chart for the soil test data for Organic Carbon

Location	Depth (cm)	pH	Organic Carbon (%)	Available Nitrogen	Available Phosphorus	Available Potassium
Bhadai Khap Village Agriculture Land (S1)	0-30	Neutral	Medium	Sufficient	Less	Average
	30-60	Slightly Acidic	Medium	Sufficient	Very Less	Average
	60-90	Neutral	Low	Better	Very Less	Less
Bhadai Khap Village Barren Land (S2)	0-30	Slightly Acidic	Low	Better	Very Less	Medium
	30-60	Moderately Acidic	Low	Better	Very Less	Less
	60-90	Very Strongly Acidic	Low	Good	Very Less	Less
Bukru Village Forest Land (S3)	0-30	Slightly Acidic	Medium	Sufficient	Very Less	Average
	30-60	Slightly Acidic	Low	Better	Very Less	Medium
	60-90	Slightly Acidic	Low	Better	Very Less	Medium

Essential parameters which determine the fertility of the soil are:

pH: The soil pH varies from very strongly acidic to neutral in nature;

Nitrogen: The nitrogen content in the Forest Land (S1) and Agricultural Land (S2) is observed to be in sufficient and better category at all sampling depth whereas in barren land nitrogen varies from good to better.

Phosphorus: The phosphorus content in the Agricultural Land (S1), Barren Land (S2) and Forest Land (S3) is observed to be in less to less category; and

Potassium: The potassium content in the study varies from less to average.

Since the PK values are less in most areas, fertilizer supplements will be required for increasing the agricultural productions.

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MAUN PRAKASH
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Divisional Forest Officer
West Division, Hazaribag

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5. Topsoil Management

5.1 Introduction

Topsoil is that uppermost layer of soil capable of growing and supporting vegetation. Topsoil contains the essential microorganisms, nutrients, organic matter, and physical characteristics necessary to grow and sustain permanent vegetation.

The salvaging, stockpiling and re-application of topsoil to be used as growth medium in the reclamation of Internal & External overburden dumps within the mining area is a major environment protection programme. Soil management in opencast mine is necessary to re-establish the stability & productivity of land disturbed due to mining activity.

Two factors influence how topsoil performs as a growth medium. One is the quality of the topsoil and other is the depth of the topsoil. The higher the quality of the topsoil and the greater the depth in relation to the root zone, the better the soil will support healthy plant growth and encourage infiltration.

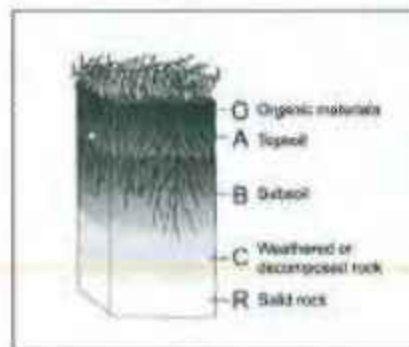
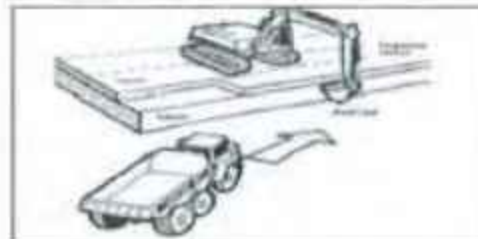


Fig :- Soil Profile

The factors influence the characteristics of topsoil are climate, vegetation and organic matter, topography and physiography, mineralogical constituents, surface processes, biological activity and human activity.

5.2 Stripping of Top Soil

Top soil should be stripped only from the area which will be disturbed by Excavation, filling, Infrastructure etc. Approx. 30 cm of top soil is stripped depending upon the soil profile at site. Depth of stripping is determined by taking soil core at several locations.



5.3 Details of Topsoil generation from Chandragupt OCP

Total top soil to be generated is approximately 3.90 MCum and this total volume of top soil will be utilized for concurrent biological reclamation of internal dumps, Embankment and Green belt.

The top soil staked in an area of about 22.48 Ha in initial 15 years upto maximum height of 8m in 3 deck having slope 2H:1V which will be kept in Usru Village on Non-Forest land. After the mine developed the top soil is directly applied on the area to be reclaimed.

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I.F.S.
Divisional Forest Officer
West Division, Hazaribag

Top soil so generated will be utilized in embankment, spreading over backfill area and in Green Belt Area. Details are given in below table.

Year/Stage	Top Soil Removal Plan (Mcum)	Top Soil Used (Mcum)			Total Utilize
		Spreading Over Embankment	Spreading Over Backfill Area	Used in Green Belt Area	
Y-1	0.13	0.10	0.00	0.03	0.13
Y-3	0.52	0.10	0.02	0.06	0.18
Y-5	0.88	0.10	0.07	0.06	0.23
Y-10	1.57	0.10	0.17	0.06	0.34
Y-15	2.25	0.10	0.25	0.08	0.43
Y-20	2.75	0.10	1.32	0.08	1.51
Y-25	3.11	0.10	1.32	0.08	1.51
Y-30	3.47	0.10	2.84	0.08	3.02
Y-35	3.86	0.10	3.09	0.08	3.27
Y-41	3.90	0.10	3.72	0.08	3.90
Post Closure					
Y-44	3.90	0.10	3.72	0.08	3.90

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MAUN PRAKASH
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Divisional Forest Officer
West Division, Hazaribag

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5.3 Site location

The site should be flat and established proper erosion and sediment control structure such as diversion, berms, dikes, waterways and sediment basin.

Immediately prior to spreading the top soil, loosen the subgrade by disking or scarifying to a depth of at least 100 millimeters to ensure bonding of the topsoil and subsoil.

If sufficient topsoil is available, a minimum compacted depth of a half meter on 3:1 slopes and one meter on flatter slopes is suggested.

Compact the topsoil enough to ensure good contact with the underlying soil, but avoid excessive compaction, as it increases runoff and inhibits seed germination. Light packing with a roller is recommended where turf is to be established.

5.4 Stockpiling

Top Soil will be stacked on the flat horizontal area and where there is no natural drainage. Sediment barrier is provided to retain sediment.

Temporary seeding - protect topsoil stockpiles by temporarily seeding as soon as possible, within 30 days after the formation of the stockpile.

Permanent vegetation - if stockpiles will not be used within 12 months they should be stabilized with permanent vegetation to control erosion and weeds.

As the mine pits expand, there will be more opportunity to strip top soil and apply it directly to area to be reclaimed, thus avoiding topsoil stockpiling. Freshly stripped and placed topsoil retains more viable seed, micro-organisms and nutrients than stockpiled soil. Vegetation establishment is generally improved by the direct return of topsoil and is considered 'best practice' topsoil management.

5.5 Maintenance and inspection

Periodic inspection and maintenance will be required. Make any repairs necessary to ensure the measure is operating properly. Repair and reseed if necessary to control erosion and loss of topsoil. This periodic maintenance procedure applies to either temporary soil stabilization or permanent seeding application

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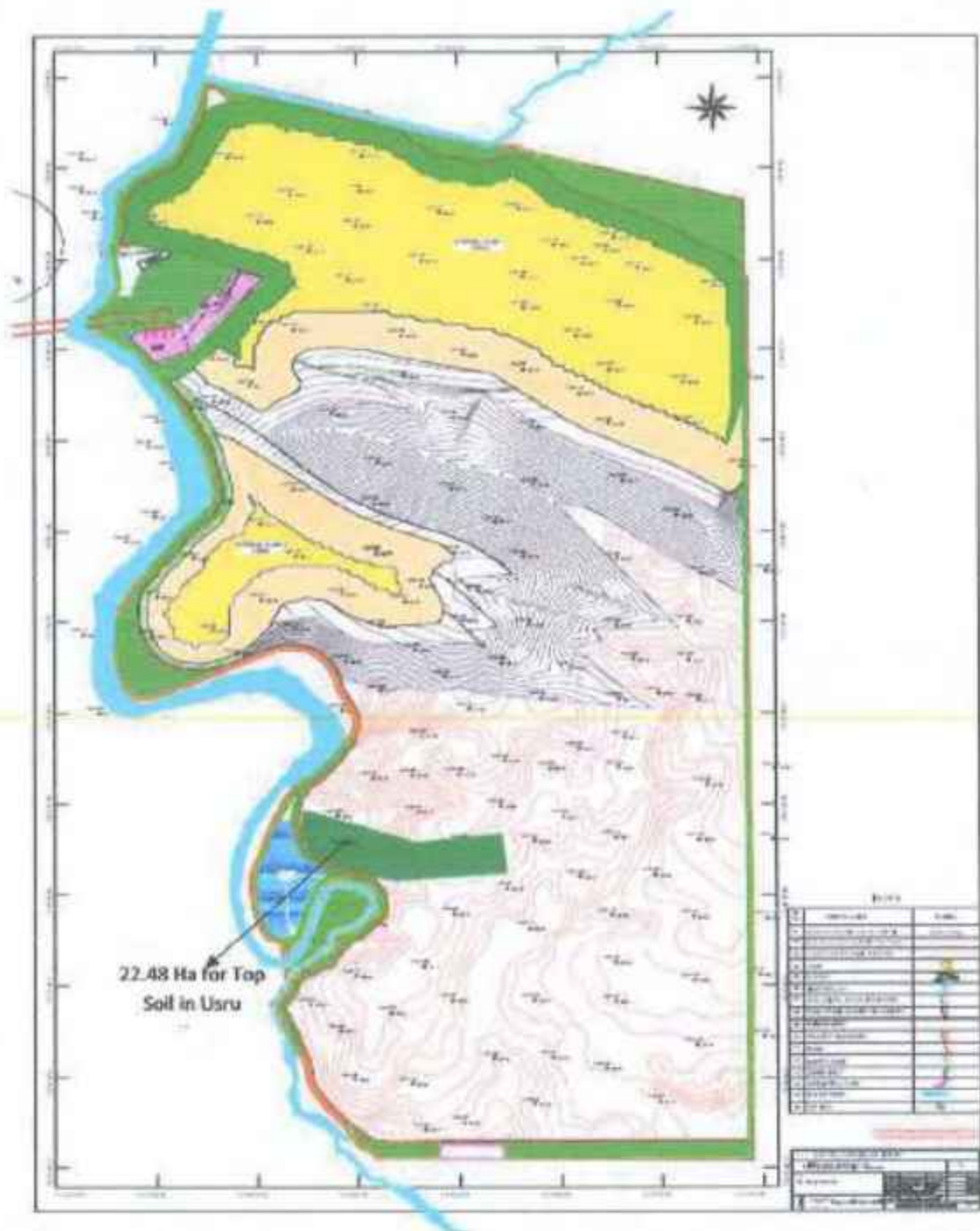


Fig: Proposed Working Plan of Chandragupt OCP showing Location of Topsoil Dump

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MAUN PRAKASH
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 Divisional Forest Officer
 West Division, Hazaribag

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	<i>Acromyrum compressus</i>	Carpet Grass	Poaceae	Grass	As a covering mat, it can control erosion and provide some protection against infestation by more noxious weeds.
5	<i>Dodonaea viscosa</i>	Hop bush	Sapindaceae	Shrub	These are all shrubs species, which will offer wind protection to soil
6	<i>Clerodendrum informatum</i>	Hill glory bower	Lamiaceae	Perennial Shrub	
7	<i>Woodfordia fruticosa</i>	Fire flame bush	Lythraceae	Shrub	
8	<i>Clerodendrum phlomisoides</i>	Sage Glory Bower	Lamiaceae	Shrub	
9	<i>Vitex negundo</i>	Chaste tree	Lamiaceae	Shrub	

Additional Considerations:

- **Slope Stabilization:** For steeper slopes, consider additional erosion control measures like jute mats or wattles alongside the grass cover.
- **Long-Term Seeding:** If long-term cover is desired, consider incorporating slow-growing, native bunchgrasses alongside the fast-establishing species for a more diverse and sustainable solution.
- **Post-Seeding Activities:** Once the topsoil is stabilized, plan for future land use. This could involve planting trees, shrubs, or crops suited for the revitalized soil.

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MAUN PRAKASH
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 Divisional Forest Officer
 West Division, Hazaribog

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 ANANDPUR CHANDRAKANT SINGH, CO.

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p><i>Annexure-17</i></p>  <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-17

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-6



Chandragupt OCP undertake that "Top Soil Management Plan as recommended by the State shall be prepared and implemented at the cost of the user agency"

[Signature]
Project Officer
Chandragupt Open Cast Project

CCL
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

[Signature]
MAUN PRAKASH
I.F.S.
Divisional Forest Officer,
West Division, Hazaribagh

Annexure-18

 Coal India Limited A Maharatna Company www.coalindia.co	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-18

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-7

Chandragupt OCP undertake that "No mining shall be carried within 60 mtrs from HFL of the Barki River and green belts as per norms shall be maintained around the other water bodies)"

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MAUN PRAKASH
IFS.
Divisional Forest Officer
West Division, Hazaribag

A. 26/1/24
Project Officer
Chandragupt Open Cast Project
CCL
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

**CCL**

Enabling Sustainable Growth

CENTRAL COALFIELDS LTD.**सेन्ट्रल कोलफील्ड्स लिमिटेड**

(भारत सरकार का एक उपक्रम / कोल इंडिया लि. की एक अनुषंगी कंपनी)

पंजीकृत कार्यालय : दरभंगा हाउस, रैची 834 001 (झारखण्ड)

CIN : U10200JH1956COIC000591

AMRAPALI & CHANDRAGUPTA AREA

फोन: (0651) 2365606, 2360479; ईमेल: gmfrst.ccl@coalindia.in

वेबसाइट: www.centralcoalfields.in

Ref No.: GM(A-C)/PO Chandragupt/NOC/2024-25/277

Date: 01/11/2024

To

The Chief Engineer,
Water Resource Department,
Hazaribagh.**Sub: Request for In-Principal Approval/NoC for diversion of Chotki Nala at Chandragupt Project under CCL-Reg.**

Ref:1. Your Letter No.:2/PMC/ विविध/1041/2022/916 dated 28.10.2024.

2. Our Letter No: CCL/DTO/WRD/Chandragupta/2024-25/119 dated 24.06.2024.

3. Our Letter No:GM(Co-Ordination)/Chandragupt/2022-23/31 dated 21.10.2022.

Dear Sir,

This is to bring your kind knowledge that as advised by your good office, the detailed project report for diversion of Chotki Nala has been prepared by IT, Roorkee and submitted the vide letter No: 22-23/31 dated 21.10.2022, further, as per instructions of your office the team had inspected the site and given their opinion for the proposed nala diversion.

Accordingly Chief Engineer, Design (Planing & Hydrology), Ranchi and water Resources, Jalbhawan, Ranchi also given their opinion for the nala diversion in respect of Chandragupt Project.

Meanwhile, examining the environmental clearance (EC) for this project, MoEF&CC, New Delhi has raised ADS/EDS on 15.03.2024 one of the conditions for compliance stipulated in the ADS/EDS is to take approval/NoC from the concerned state authority for diversion of Chotki Nala falling within the lease of Chandragupt OCP.

Further it is mentioned that the Proposal is pending due to Standard Operating Procedure-cum-Guideline from the state water resources department, finally the SOP-cum-Guidelines issued and informed us under the reference letter No:2/PMC/ विविध/1041/2022/916 dated 28.10.2024.

Chandragupt OCP has followed the Standard Operating Procedure-cum-Guideline and completed the application for diversion Chotki nala with all respects under the SOP.

Youn
MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribag


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PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

In view of the above, it is hereby kindly requested to kindly consider the subject proposal and accord in principal approval/NoC for diversion of Chotki Nela at Chandragupt OCP so that the submission of compliance of Environmental Clearance in respect of Chandragupt OCP is done at the earliest.

Anticipating the kind consideration from your good office.


With best regards.

Yours faithfully




01/11/2024
Project Officer,
Chandragupt Project
Amrapali- Chandragupt Area
Central Coalfields Limited

- Annexures: 1) Approval copy of Mining Plan
2) Sec-11 Under CBA(A&D) ,act, 1957 for Land Acquisition.
3) DPR from IIT,Roorkee
4) ADS/EDS copy issued by MoEF&CC,New Delhi


MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribag


PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

Annexure-20(A)

 Coal India Limited A Maharatna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-20

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-8

Chandragupt OCP undertake that *"The Chotki Stream shall be diverted after getting approval of competent Authority only"*

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MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

A. 25/11/24
Project Officer
Chandragupt Open Cast Project

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PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL



झारखण्ड सरकार
Government of Jharkhand

मुख्य अभियंता का कार्यालय
रूपांकण, क्षमरा योजना एवं जल विज्ञान
(जल संसाधन विभाग)
जल भवन, कमरा सं-203,
होरण्डा, राँची- 834002
e-mail - cedesign-wrd-jhr@nic.in

पत्रांक :-

/राँची, दिनांक :-

प्रेषक,

मो० जमील अख्तर,
मुख्य अभियंता

सेवा में,

मुख्य अभियंता,
योजना मॉनिटरिंग एवं आयोजन,
जल संसाधन विभाग,
झारखण्ड राँची।

विषय:-

Diversion of Chotki River and Straightening of Barki River- Passing through Chandragupt Coal Mine Lease hold area के संबंध में।

प्रसंग:-

- i. मुख्य अभियंता, जल संसाधन विभाग, हजारीबाग का पत्रांक :- 158 दिनांक :- 11.02.2025
- ii. विभागीय संकल्प झापांक- 446, दिनांक 04.10.2024

महाराज,

उपर्युक्त विषयक प्रासंगिक पत्रों के संदर्भ में सूचित करना है कि विभागीय संकल्प झापांक-446, दिनांक 04.10.2024 नाला के Diversion (पधांतरण) हेतु Standard Operation Procedure-cum-Guidelines की कंडिका 6 A (c) के संदर्भ में मुख्य अभियंता, जल संसाधन विभाग, हजारीबाग का पत्रांक :- 158 दिनांक :- 11.02.2025 से प्रस्ताव पर NOC की अनुशंसा की गई है। क्षेत्रीय स्तर से प्राप्त प्रतिवेदन में Diversion Proposal को Site Conditions के अनुरूप पाया गया है एवं NOC की अनुशंसा की गई है जिसकी छायाप्रति इस पत्र के साथ संलग्न है।

अतः उपरोक्त अनुशंसा एवं आवेदक द्वारा समर्पित DPR के पृष्ठ संख्या- 98 (6 Conclusion and recommendation) के संदर्भित अंश "Diversion of the Chotki river and the straightening of meander of the Barki river would not affect the flow downstream of the Chainage 375 m. Thus, any structure on the Barki river or Chunro river would not be affected with proposed diversion." के आलोक में विषयक प्रस्ताव की अनुशंसा की जाती है।

यह आपके सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

अनु०- यथोक्त।

विश्वासभाजन

हो/-

(मो० जमील अख्तर)
मुख्य अभियंता

झापांक- 206

/राँची, दिनांक- 25.02.25

प्रतिलिपि- परियोजना पदाधिकारी, चन्द्रगुप्त ओपन कास्ट प्रोजेक्ट, आन्नपाली-चन्द्रगुप्त क्षेत्र सी०सी०एल० को सूचनार्थ प्रेषित।

(मो० जमील अख्तर)

मुख्य अभियंता

मुख्य अभियंता का कार्यालय,
जल संसाधन विभाग,
हजारीबाग।

पत्रांक- 02/यो-01-12/2017 (भाग-5)-

/हजारीबाग, दिनांक-

प्रेषक:-

ई0 हेमन्त कुमार लोहानी,
मुख्य अभियंता।

सेवा में,

मुख्य अभियंता,
योजना, मोनिटरिंग एवं आयोजन,
जल संसाधन विभाग, झारखण्ड, राँची।

विषय:-

Request for in-Principal Approval /NOC for diversion of Chotki Nala at Chandragupta Project Under CCL-Reg

प्रसंग:-

विभागीय पत्रांक-2/PMC/विविध/1041/2022-816 दिनांक 28-10-2024 एवं CCL का पत्रांक GMA(A-C)/PO Chandragupt/NOC/2024-25/277 दिनांक 01-11-2024

महाराज,

उपर्युक्त विषयक प्रासंगिक पत्र के आलोक में विभागीय संकल्प संख्या-448 दिनांक 04-10-2024 द्वारा संसूचित पधांतरण संबंधी Standard Operating procedure cum guidelines के अनुरूप अधीक्षण अभियंता, जलपथ अंचल, हजारीबाग के पत्रांक 57 दिनांक 30-01-2025 द्वारा Request for in-Principal Approval /NOC for diversion of Chotki Nala at Chandragupta Project Under CCL-Reg संबंधी प्रस्ताव पर अनापत्ति प्रमाण पत्र निर्गत करने हेतु अनुरांता सहित प्रतिवेदन प्राप्त, विषयांकित प्रस्ताव पर अनापत्ति प्रमाण पत्र निर्गत किया जा सकता है।

अनु0-यथोक्त।

विश्वासभाजन

ह0/-

(हेमन्त कुमार लोहानी)
मुख्य अभियंता।

ज्ञापक-

/ हजारीबाग, दिनांक-

प्रतिलिपि, अधीक्षण अभियंता, जलपथ अंचल, हजारीबाग एवं कार्यपालक अभियंता, जलपथ प्रमण्डल, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह0/-

(हेमन्त कुमार लोहानी)
मुख्य अभियंता।

ज्ञापक- 131



/ हजारीबाग, दिनांक- 04/02/2025

प्रतिलिपि, M/S Sushee Chandragupt Coal Mine Private Limited, Banajara Hills, Hyderabad, Telangana-500034 (E-mail: info@sccmpl.com) को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

(हेमन्त कुमार लोहानी)
मुख्य अभियंता।

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

Annexure-21

 Coal India Limited A Maharatna Company www.coalindia.co	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-21

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-9

Chandragupt OCP undertake that "to prepare a human-elephant conflict mitigation plan which will be funded by the User Agency and will take necessary measure to mitigate drivers of negative human-elephant conflicts and paying timely compensations and ex-gratia"

MAUN
MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribag

25/1/23
Project Officer
Chandragupt Open Cast Project
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

Annexure 22

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND/SUMMARY OF PAYMENT
Chandragupt OCP (699.38 Ha)

S.N	Column 1	Column 2
1	Name of Regional Office	Integrated Regional office Ranchi
2	State/District/Forest Division to which the proposal relates	Jharkhand/Chatra&Hazaribagh/Chatra South & Hazaribagh West
3	Name of User Agency, Name of Proposal	Central coalfields limited, Chandragupt Opencast Mining Project
4	Nature of Category of Proposal	Mining
5	Proposal No.	FP/JH/MIN/140599/2021
6	Extent of Forest Area involved	699.38 Ha
7	Whether original or extension	Original (land acquired under CBA Act)
8	If the extension of lease, please clarify if proposal involves additional forest area and if so specify	NA
9	Dated of 1st Stage clearance	File No. 8-24 /2023-FC dated 27.05.2024
10	Extent of CAMPA Charges, head wise viz.	
	a) Compensatory afforestation	Rs 164,36,19,381.00
	b) Additional compensatory afforestation	NA
	c) Penal compensatory afforestation	NA
	d) Catchment area treatment	Rs 19,47,00,340.00
	e) De-Siltation Plan	Rs 7,00,79,000.00
	f) Additional charges for diversion of area falling under notified/protected area	Nil
	g) Net present value	Rs. 85,92,51,274.40
	h) any other charges/levies (please specify) Safety Zone+ Forest Produce + Cess + Tax- Penal NPV	NA
	i. Penal NPV	NA
	ii. Soil and Moisture Conservation Plan (SMC) (@ 0.5% of Project Cost)	Rs 4,86,75,085.00
	iii. Wildlife management plan (W.L.P)@2% of Project Cost)	Rs 48,05,92,000.00
	Total =	Rs 329,69,17,080.40
11	If the payment made through challan or otherwise in case of online payment, details of challan	Attached

Sign of User Agency

PROJECT OFFICER

CHANDRAGUPT OPEN CAST PROJECT
AUSPICE-CHANDRAGUPT ALKA COL

Sign of DFO (Chatra South)

Sign of DFO (Hazaribagh West)

Divisional Forest Officer

West Division, Hazaribagh

Sign of Nodal Officer

12. Details of deposits						
Sl. No	Type of Deposit (NPV/CA/WM P/Others)Specify	Whether (RTGS/DD /NEFT (Specify)	UTR/DD No.	Amount Deposit (Rs.)	Dated of Deposit	Name of Bank from which amount transferred to account of CAF
1	NPV	RTGS	ICICR42024121100000899	85,92,51,274.00	11.12.2024	Bank Account of CAF managed by CAMPA in which fund deposited. CAF Account Jharkhand (A/C No:507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
2	WLCP	RTGS	ICICR42024121100000899	19,47,00,346.00	11.12.2024	CAF Account Jharkhand (A/C No:507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
3	SMC	RTGS	ICICR42024121100000899	4,86,73,085.00	11.12.2024	CAF Account Jharkhand (A/C No:507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
4	CA	RTGS	ICICR42025012700001515	164,36,19,381.00	27.01.2025	CAF Account Jharkhand (A/C No:507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
5	CAT	RTGS	ICICR42025012700001515	480,592,000.00	27.01.2025	CAF Account Jharkhand (A/C No:507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027
6	De-Siltation	RTGS	ICICR42025012700001515	7,00,79,000.00	27.01.2025	CAF Account Jharkhand (A/C No:507258140599645) Union Bank of India Branch Jelita Towers, Mission Road, Bengaluru-560027

MAUN

Sign of User Agency

Sign of DFO (Chattri South)

Sign of DFO (Jharkhand West)

Sign of Nodal Officer

PROJECT OFFICER

MAUN PRAKASH

Divisional Forest Officer

CHANDRAGUPTA DEEN DAYAL

Divisional Forest Officer

West Division, H.S. 100/101

ANGAPULI CHANDRAGUPTA

Divisional Forest Officer

West Division, H.S. 100/101

SUMMARY OF THE PERFORMA FOR REMITTANCE OF FUND IN AD-HOC- CAMPA LEVIES FORM (Chandragupt OCP-699.38 Ha).						
SL No	Condition No	Name of Particulars	Chatra South Forest Division demand Raised	Hazaribagh Forest West Division Demand Raised	Payment Made to CAMPA Account Total	Challan Application No
1	3	NPV	49,26,15,446.40	36,66,35,828.00	85,92,51,274.00	58140599645
2	4&9	WLCP	19,47,00,340.00	NA	19,47,00,340.00	58140599645
3	12	SMC	4,86,75,085.00	NA	4,86,75,085.00	58140599645
4	2	CA	82,10,67,915.00	54,51,52,566.00	136,62,20,481.00	58140599331
			27,73,98,900.00	NA	27,73,98,900.00	58140599331
5	5	CAT	37,07,26,000.00	10,98,66,000.00	48,05,92,000.00	58140599331
6	15	De-Siltation	2,66,38,000.00	4,34,41,000.00	7,00,79,000.00	58140599331
		TOTAL DEMAND AMOUNT	223,18,21,686.40	106,50,95,394.00	329,69,17,080.00	
Sign of User Agency			Sign of DFO (Chatra South)	Sign of DFO (Hazaribagh West)	Sign of Nodal Officer	

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMTAPALUCHANDRAGUPT AREA, CL

MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

Sl No	Particulars	Demand Raised vide	Amount Paid (RS)	UTR No	Date
		DFO Chitra (South) vide Ltr.No.1129 Dtd.31.05.2024	49,26,15,446.40	ICICR42024121100000899	11.12.2024
1	NPV	DFO, Hazaribagh (West) vide Ltr.No.3331 Dtd.04.06.2024.	36,66,35,828.00	ICICR42024121100000899	11.12.2024
2	WLCP	DFO Chitra (South) vide Ltr.No.2118 Dtd.25.10.2024	19,47,00,340.00	ICICR42024121100000899	11.12.2024
3	SMC	DFO Chitra (South) vide Ltr.No.2117 Dtd.25.10.2024	4,86,75,085.00	ICICR42024121100000899	11.12.2024
		TOTAL	1102626699.00	ICICR42024121100000899	11.12.2024
		DFO,(Chitra south) vide letter No:61 dated 07.01.2025	82,10,67,915.00	ICICR42025012700001515	27.01.2025
		DFO (Hazaribagh West)vide letter no:216 dated 10.01.2025	54,51,52,566.00	ICICR42025012700001515	27.01.2025
4	CA	DFO, Chitra South Forest Division vide letter no :81 dated 15.01.2025	27,73,98,990.00	ICICR42025012700001515	27.01.2025
		DFO Chitra (South) vide Ltr No:2343 dated 29.11.2024	37,07,26,030.00	ICICR42025012700001515	27.01.2025
5	CAT	DFO Hazaribagh (West) vide Ltr No:5987 dated13.12.2024	10,98,66,000.00	ICICR42025012700001515	27.01.2025
		DFO Chitra (South) vide the Ltr.No.2345 Dtd.29.11.2024	2,66,38,000.00	ICICR42025012700001515	27.01.2025
6	De-Siltation	DFO Hazaribagh (West) vide their Ltr No.5989 Dtd.13.12.2024	4,34,41,000.00	ICICR42025012700001515	27.01.2025
		TOTAL	219,42,90,381.00	ICICR42025012700001515	27.01.2025
		Total Amount Paid	329,69,17,080.40		

Sign of User Agency  Sign of DFO (Chitra South)  Sign of DFO (Hazaribagh West)  Sign of Nodal Officer

MAUN PRAKASH
I.F.S.

Divisional Forest Officer
West Division, Hazaribagh

PROJECT OFFICER

CHANDRAGUPTA OPEN CASI / 10/2024
ANURAG CHANDRAGUPTA / 10/2024

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND/SUMMARY OF PAYMENT
Chandragupt OCF (699.38 Ha)

S.N	Column 1	Column 2
1	Name of Regional Office	Integrated Regional office Ranchi
2	State/District/Forest Division to which the proposal relates	Jharkhand/Chatra&Hazaribagh/Chatra South & Hazaribagh West
3	Name of User Agency, Name of Proposal	Central coalfields limited, Chandragupt Open cast Mining Project
4	Nature of Category of Proposal	Mining
5	Proposal No.	FP/JH/MIN/140599/2021
6	Extent of Forest Area involved	699.38 Ha
7	Whether original or extension	Original (land acquired under CBA Act)
8	If the extension of lease, please clarify if proposal involves additional forest area and if so specify	NA
9	Dated of 1st Stage clearance	File No. 8-24 /2023-FC dated 27.05.2024
10	Extent of CAMPA Charges, head wise viz.	Rs 164,36,19,381.00
	a) Compensatory afforestation	NA
	b) Additional compensatory afforestation	NA
	c) Penal compensatory afforestation	Rs 19,47,00,340.00
	d) Catchment area treatment	Rs 7,00,79,000.00
	e) De-Siltation Plan	Nil
	f) Additional charges for diversion of area falling under notified/protected area	Rs. 85,92,51,274.40
	g) Net present value	NA
	h) any other charges/levies (please specify) Safety Zone+ Forest Produce + Cess + Tax- Penal NPV	NA
	i. Penal NPV	NA
	ii. Soil and Moisture Conservation Plan (SMC) (@ 0.5% of Project Cost)	Rs 4,86,75,085.00
	iii. Wildlife management plan (WLCP)@2% of Project Cost)	Rs 48,05,92,000.00
	Total =	Rs 329,69,17,080.40
11	If the payment made through challan or otherwise in case of online payment, details of challan	Attached

Sign of User Agency

Sign of DFO (Chatra South)

Sign of DFO (Hazaribagh West)

Sign of Nodal Officer

CHANDRAGUPT OPEN CAST PROJECT
 AURAPAL CHANDRAGUPT ANCL CO.

MAUN PRAKASH
 I.F.S.,
 Divisional Forest Officer
 West Division, Hazaribagh

12 Details of deposits						
SL No	Type of Deposit (NPV/CA/WM P/Others)Specify	Whether (RTGS/DD /NEFT (Specify)	UTR/DD No.	Amount Deposit (Rs.)	Dated of Deposit	Name of Bank from which amount transferred to account of CAF Bank Account of CAF managed by CAMPA in which fund deposited.
1	NPV	RTGS	ICICR42024121100000899	85,92,31,274.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellia Towers, Mission Road, Bengaluru-560027
2	WLCP	RTGS	ICICR42024121100000899	19,47,00,340.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellia Towers, Mission Road, Bengaluru-560027
3	SMC	RTGS	ICICR42024121100000899	4,86,75,085.00	11.12.2024	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellia Towers, Mission Road, Bengaluru-560027
4	CA	RTGS	ICICR42025012700001515	164,35,19,381.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellia Towers, Mission Road, Bengaluru-560027
5	CAT	RTGS	ICICR42025012700001515	480,59,2000.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellia Towers, Mission Road, Bengaluru-560027
6	De-Siltation	RTGS	ICICR42025012700001515	7,00,79,000.00	27.01.2025	ICICI Bank Ratu Road Ranchi CAF Account Jharkhand (A/C No1507258140599645) Union Bank of India Branch Jellia Towers, Mission Road, Bengaluru-560027

Sign of User Agency
PROJECT OFFICER

Sign of DFO (Chatra South)

Sign of DFO (Hazariabagh West)

Sign of Nodal Officer

CHANDRAGUPTA OPEN CAST PROJECT
ANUPAL-CHANDRAGUPTA A.C.P. CO.

Divisional Forest Officer
West Division, Hazariabagh

SUMMARY OF THE PERFORMA FOR REMITTANCE OF FUND IN AD-HOC- CAMPA LEVIES FORM (Chandragupt OCP-699.38 Ha).						
SL No	Condition No	Name of Particulars	Chatra South Forest Division demand Raised	Hazaribagh Forest West Division Demand Raised	Payment Made to CAMPA Account Total	Challan Application No
1	3	NPV	49,26,15,446.40	36,66,35,828.00	85,92,51,274.00	58140599645
2	4&9	WLCP	19,47,00,340.00	NA	19,47,00,340.00	58140599645
3	12	SMC	4,86,75,085.00	NA	4,86,75,085.00	58140599645
4	2	C.A	82,10,67,915.00	54,51,52,566.00	136,62,20,481.00	58140599331
			27,73,98,900.00	NA	27,73,98,900.00	58140599331
5	5	CAT	37,07,26,000.00	10,98,66,000.00	48,05,92,000.00	58140599331
6	15	De-Siltation	2,66,38,000.00	4,34,41,000.00	7,00,79,000.00	58140599331
		TOTAL DEMAND AMOUNT	223,18,21,686.40	106,50,95,394.00	329,69,17,080.00	
Sign of User Agency		Sign of DFO (Chatra South)	Sign of DFO (Hazaribagh West)		Sign of Nodal Officer	

CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT-1 HA, C.A.

MAUN PRAKASH
IFS
Divisional Forest Officer
West Division, Hazaribagh

Sl No	Particulars	Demand Raised vide	Amount Paid (RS)	UTR No	Date
		DFO, Chitra (South) vide Ltr. No. 1129 Dtd. 31.05.2024	49,26,15,446.40	ICICR42024121100000899	11.12.2024
1	NPV	DFO, Hazaribagh (West) vide Ltr. No. 3331 Dtd. 04.06.2024.	36,66,35,828.00	ICICR42024121100000899	11.12.2024
2	WLCP	DFO Chitra (South) vide Ltr. No. 2118 Dtd. 25.10.2024	19,47,00,340.00	ICICR42024121100000899	11.12.2024
3	SMC	DFO Chitra (South) vide Ltr. No. 2117 Dtd. 25.10.2024	4,86,75,085.00	ICICR42024121100000899	11.12.2024
		TOTAL	1102626699.00	ICICR42024121100000899	11.12.2024
		DFO, Chitra (South) vide letter No: 51 dated 07.01.2025	82,10,67,915.00	ICICR420250127000001515	27.01.2025
4	CA	DFO (Hazaribagh West) vide letter no: 216 dated 10.01.2025	54,51,52,566.00	ICICR420250127000001515	27.01.2025
		DFO, Chitra South Forest Division vide letter no : 81 dated 15.01.2025	27,73,98,900.00	ICICR420250127000001515	27.01.2025
		DFO Chitra (South) vide Ltr No: 2343 dated 29.11.2024	37,67,26,000.00	ICICR420250127000001515	27.01.2025
5	CAT	DFO Hazaribagh (West) vide Ltr No: 5987 dated 13.12.2024	10,98,66,000.00	ICICR420250127000001515	27.01.2025
		DFO Chitra (South) vide the Ltr. No. 2345 Dtd. 29.11.2024	2,66,38,000.00	ICICR420250127000001515	27.01.2025
6	De-Situation	DFO Hazaribagh (West) vide their Ltr. No. 5989 Dtd. 13.12.2024	4,34,41,000.00	ICICR420250127000001515	27.01.2025
		TOTAL	219,42,90,381.00	ICICR420250127000001515	27.01.2025
		Total Amount Paid	329,69,17,080.40		

Sign of User Agency  Sign of DFO (Chitra South)  Sign of DFO (Hazaribagh West)  Sign of Nodal Officer

CHANDRANUJ GUPT OPEN CAT 
 AMRAPALI CHANDRANUJ GUPT 7 Akshay, Bhojpur

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 Divisional Forest Officer
 West Division, Hazaribagh

Annexure-23

 Coal India Limited A Maharatna Company www.cil.co.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-23

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-12

Chandragupt OCP undertake that *"The all the activities will be carried out as per approved Mine Plan."*

Project Officer
Chandragupt Open Cast Project

PROJECT OFFICER

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AMRAPALI-CHANDRAGUPT AREA, CCL

MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

Annexure-24

Top Soil Management

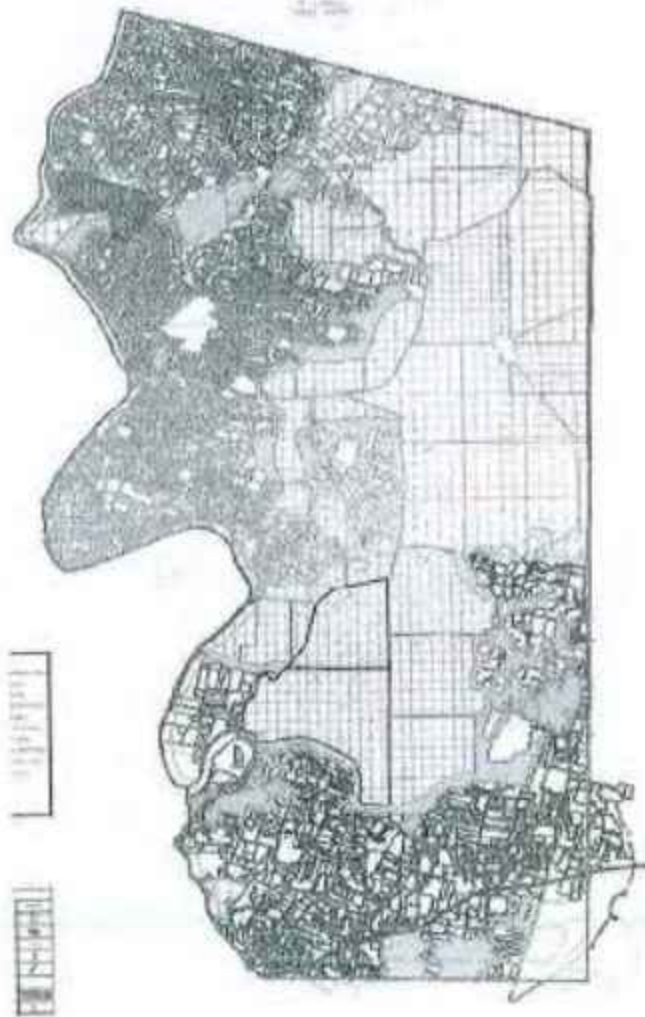
of

Chandragupt OCP

(Normative-15.00/Peak-20.00 MTPA)

Project Area- 1495 Ha

**(North Karanpura Coalfields, Dist: Hazaribagh & Chatra
State: Jharkhand)**



July 2024

**Central Mine Planning and Design Institute Limited
Gondwana Place, Kanke Road, Ranch**

MAUN PRAKASH

**Divisional Forest Officer
West Division, Hazaribagh**

**PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL**


Topsoil Management of Chandragupt OCP

1. Project Description:

Chandragupt OCP is a Greenfield opencast coal mining project located in the North Karanpura Coalfields, falling in both Hazaribagh & Chatra districts of Jharkhand. This project is covered in Survey of India Topo-sheet no. 73A/13 and 73E/1, and is bounded between latitude 23°51'30" to 23°54'45" N and longitude 85°01'15" to 85°03'15".

The details of revenue villages falling within the project boundary are as given below:

Sl.No	District	Tehsil	Villages
01	Hazaribagh	Keradari	Badhalkhap, Bukru, Chatti-Bariyatu, Jordag, Newalkhap, Pachra/Pachanda, Peto, Silhua
02	Chatra	Tandwa	Usru

	Node	Latitude	Longitude
	A	23°54'37.00"N	85° 1'36.52"E
	B	23°54'13.98"N	85° 3'11.60"E
	C	23°51'22.45"N	85° 3'11.99"E
	D	23°51'23.49"N	85° 2'5.42"E
	E	23°51'45.80"N	85° 1'50.02"E
	F	23°52'40.52"N	85° 2'3.06"E
	G	23°52'46.74"N	85° 1'24.78"E
	H	23°53'21.39"N	85° 1'39.11"E
	I	23°53'54.10"N	85° 1'15.39"E

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MAUN PRAKASH
L.F.S.
Divisional Forest Officer
West Division, Hazaribag

Pr
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2. Physiology and Drainage

Climate

The climate is tropical with severe summer. The temperature during summer (March-June) goes as high as 45°C. Summer days are hot with dusty wind, but nights are generally pleasant. The minimum summer temperature is 23°C. The winter (November-February) is cold and the minimum temperature recorded is 2 to 3°C. The average annual rainfall in the district is 1225.6 mm. During the monsoon season June to September the district receives about 85% of the annual rainfall. July is the rainiest month with an average rainfall of 315.7 mm.

Topography

The block is characterized by more or less flat terrain with gentle undulations. The maximum elevation of 500m is observed near borehole no CNKP-88 & CNKP-91. The minimum elevation is about 445m on the bank of the Barki River.

Drainage

Barki River flowing from North-South direction forms the principal drainage within the study area. It flows in the North-South direction and touches the western boundary of the ML area. The Chundru River marks the southern boundary of the block whereas Barki River is the western limit of the boundary at 60m. The study area also shows the presence of the Garhi River. The Barki River and Chundru River are the major tributaries of Garhi River. The southerly flowing Garhi River is the master drainage and perennial source of water for the area. The drainage pattern of the area is mostly dendritic in nature, wherein the smaller stream meets the larger at an acute angle.

3. Present Landuse

Chandragupt OCP is a green-field project, and hence core zone mainly consists of forestland, vegetation and agricultural land. No industrial activity observed in the core zone. The detailed land use pattern as per the remote sensing data is as given below.

Table: Landuse Pattern of Study area- Core Zone and Buffer Zone

Area Statistics - Chandragupt OCP (2022)						
Classes		Column	Core Zone		Buffer Zone	
Level-I	Level-II		Area (Km ²)	% of Total	Area (Km ²)	% of Total
Forest Land	Dense Forest		0.00	0.00	98.50	20.53
	Open Forest		3.41	22.82	81.09	16.98
	Total Forest Land		3.41	22.82	179.59	37.42
	Scrub		3.21	21.59	69.84	14.55
Plantation Area	Local Primary		0.00	0.00	0.00	0.00
	Plantation on CB		0.00	0.00	0.19	0.01
	Plantation on Backfill		0.00	0.00	0.00	0.00
	Total Plantation Area		0.00	0.00	0.19	0.01
Agriculture Land	Crop Land		1.50	8.29	61.00	12.71
	Fallow Land		8.56	42.64	157.03	34.26
	Total Agriculture Land		10.06	50.94	218.03	46.97
Waste Land	Waste Land		0.15	1.03	8.72	1.79
	Sand Dune		0.00	0.00	0.10	0.02
	Total Waste Land		0.15	1.03	8.82	1.81
Mining Area	Coal Quarry		0.00	0.00	1.50	0.22
	Barren Old Dump		0.00	0.00	1.16	0.13
	Back Fill		0.00	0.00	2.35	0.33
	Coal Dump		0.00	0.00	0.32	0.07
	Water Filled Cr.		0.00	0.00	0.10	0.02
	Total Mining Area		0.00	0.00	5.02	1.04
Settlements	Urban Settlements		0.10	0.66	0.15	0.03
	Rural Settlements		0.00	0.00	2.90	0.61
	Industrial Settlements		0.00	0.00	3.18	0.66
	Total Settlement Area		0.10	0.66	6.23	1.30
Water Body	River/ Ponds		0.10	0.64	0.34	0.07
Total Area			14.95	100.00	479.52	100.00

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MAUN PRAKASH
 I.F.S.
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 West Division, Hazaribag

4. Soil Quality Status

Soil samples were collected from three identified locations around the study area during study period to generate primary information on soil quality prevailing in the study area. These samples were collected once during the study period and preserved in polythene bags / Pet jar having lock facility. The parameters tested and methodology adopted are as follows:

Sr	Parameter	Unit	Test Method
1	pH	-	IS:2720 (Part 26)
2	Water Holding Capacity	%	USDA Method
3	Electrical Conductivity	$\mu\text{S}/\text{cm}$	IS: 14767:2000
4	Available Nitrogen	kg/ha	TP/C/4.7
5	Available Phosphorus	kg/ha	TP/C/4.5
6	Available Potassium	kg/ha	TP/C/4.6
7	Sodium absorption ratio (SAR)	-	S.K. Maithi (Volume 2)
8	Available Organic Carbon	%	IS:2720 (PART 22)
9	Cation exchange capacity	meq/100g	TP/C/4.14
10	Specific Gravity	-	IS:2720 (PART 3)
11	Field Capacity	%	S.K. Maithi (Volume 2)
12	Wilting Coefficient	%	S.K. Maithi (Volume 2)
13	Texture	-	IS:2720 (PART 4)
	a) Sand	%	IS:2720 (PART 4)
	b) Silt	%	IS:2720 (PART 4)
	c) Clay	%	IS:2720 (PART 4)

The detailed observation made for soil quality during the study period is below -

Table: Soil Monitoring at Station S1

Location: Bhadai khap Village Agriculture Land (S1)

Sl. No.	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH	6.6	6.2	6.8
2	Elec.Conductivity(μ mhos/cm)	324.6	298.7	267.5
3	Nitrogen Av.(kg/ha)	422.7	378.0	268.6
4	Phosphorous Av. P2O5 (kg/ha)	16.3	11.5	8.7
5	Potash Av.(kg/ha)	286.5	241.2	179.1
6	Organic Carbon (%)	0.62	0.51	0.34
7	Specific Gravity (%)	2.3	2.4	2.5
8	SAR (meq/l)	1.08	1.1	1.06
9	WHC (%)	34.6	28.9	25.6
10	Field capacity (%)	14.2	15.9	18.2

11	Wilting Coefficient	0.72	0.67	0.54
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	SandyLoam
B	Sand(%)	57.2	55.7	59.1
C	Silt(%)	26.4	32.0	31.6
D	Clay(%)	16.4	12.3	9.3
13	Cation Exchange Capacity (meq/100g)	31.4	29.2	30.5

Table: Soil Monitoring at Station S2

Location: Bhadal khap Village Barren Land (S2)

Sn	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH (1:5)	6.1	5.8	5.5
2	Elec. Conductivity (μ mhos/cm)	307.2	359.7	326.2
3	Nitrogen Av.(kg/ha)	274.1	231.0	144.6
4	Phosphorous Av. P2O5 (kg/ha)	7.1	5.2	3.8
5	Potash Av.(kg/ha)	193.6	147.7	124.0
6	Organic Carbon (%)	0.31	0.21	0.10
7	Specific Gravity (gm/cc)	2.4	2.6	2.5
8	SAR (meq/l)	1.2	1.3	1.2
9	Water holding Capacity (%)	18.7	19.6	26.5
10	Field capacity (%)	8.6	7.8	6.8
11	Wilting Coefficient	0.60	0.57	0.48
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	Sandy loam
B	Sand(%)	58.3	59.4	61.2
C	Silt(%)	31.9	32.8	32.4
D	Clay(%)	9.7	7.8	6.4
13	Cation Exchange Capacity (meq/100g)	20.7	18.1	16.1

Table: Soil Monitoring at Station S3

Location: Bukru Village Forest Land (S3)

Sl. No.	TESTS	RESULTS		
		30CM	60CM	90CM
1	pH	6.3	6.4	6.1
2	Elec. Conductivity (μ mhos/cm)	271.3	297.6	262.1
3	Nitrogen Av.(kg/ha)	308.4	273.2	196.5
4	Phosphorous Av. P2O5 (kg/ha)	10.4	8.6	6.3
5	Potash Av.(kg/ha)	282.5	210.5	186.2
6	Organic Carbon (%)	0.52	0.38	0.27

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MAUN PRAKASH
Divisional Forest Officer
West Division, Hazaribagh

7	Specific Gravity (%)	2.3	2.2	2.3
8	SAR (meq/l)	1.1	1.1	1.0
9	WHC (%)	29.6	28.6	25.7
10	Field capacity (%)	12.3	14.3	12.8
11	Wilting Coefficient	0.66	0.65	0.54
12	Grain Size Distribution			
A	Textural Class	Sandy Loam	Sandy Loam	Sandy loam
B	Sand(%)	57.2	59.4	58.4
C	Silt(%)	30.0	30.9	35.1
D	Clay(%)	12.7	9.6	6.4
13	Cation Exchange Capacity (meq/100g)	29.2	25.5	21.9

Table showing Soil Classification

Soil Test	Classification
pH	<p><4.5 Extremely acidic</p> <p>4.51-5.50 Very Strongly Acidic</p> <p>5.51-6.0 Moderately Acidic</p> <p>6.01-6.50 Slightly Acidic</p> <p>6.51-7.30 Neutral</p> <p>7.31-7.80 Slightly Alkaline</p> <p>7.81-8.50 Moderately Alkaline</p> <p>8.51-9.0 Strongly Alkaline</p> <p>9.01 Very Strongly Alkaline</p>
Salinity Electrical Conductivity (mmhos/cm) (1ppm = 640 mmho/cm)	<p>Up to 1.00 Average</p> <p>1.01 -2.00 harmful to germination</p> <p>2.01 - 3.00 harmful to crops (sensitive to salts)</p>
Nitrogen (kg/ha)	<p>Upto 50 very Less</p> <p>51-100 Less</p> <p>101-150 Good</p> <p>151-300 Better</p> <p>>300 sufficient</p>
Phosphorous (kg/ha)	<p>Upto 15 Very Less</p> <p>16-30 Less</p> <p>31-50 Medium,</p> <p>51-65 on an Average Sufficient</p> <p>66-80 Sufficient</p> <p>>80 more than Sufficient</p>
Potassium (kg/ha)	<p>0 -120 very less</p> <p>120-180 less</p> <p>181-240 medium</p> <p>241-300 average</p> <p>301-360 better</p> <p>>360 more than sufficient</p>

Source *Handbook of Agriculture, Indian Council of Agricultural Research, New Delhi **

Rating chart for the soil test data for Organic Carbon

Soil Parameters	Low	Medium	High
Organic Carbon	< 0.50 %	0.50 - 0.75%	> 0.75%

Source: *Text Book of Soil Science by R. K. Mehra*

Man
MAUN PRAKASH
 I.F.S.
 Divisional Forest Officer
 West Division, Hazaribag

Man
 PROJECT OFFICER
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Table: Soil Observation & Classification as per ICAR Soil Classification Standard and rating chart for the soil test data for Organic Carbon

Location	Depth (cm)	pH	Organic Carbon (%)	Available Nitrogen	Available Phosphorus	Available Potassium
Bhadai Khap Village Agriculture Land (S1)	0-30	Neutral	Medium	Sufficient	Less	Average
	30-60	Slightly Acidic	Medium	Sufficient	Very Less	Average
	60-90	Neutral	Low	Better	Very Less	Less
Bhadai Khap Village Barren Land (S2)	0-30	Slightly Acidic	Low	Better	Very Less	Medium
	30-60	Moderately Acidic	Low	Better	Very Less	Less
	60-90	Very Strongly Acidic	Low	Good	Very Less	Less
Bukru Village Forest Land (S3)	0-30	Slightly Acidic	Medium	Sufficient	Very Less	Average
	30-60	Slightly Acidic	Low	Better	Very Less	Medium
	60-90	Slightly Acidic	Low	Better	Very Less	Medium

Essential parameters which determine the fertility of the soil are:

pH: The soil pH varies from very strongly acidic to neutral in nature;

Nitrogen: The nitrogen content in the Forest Land (S1) and Agricultural Land (S2) is observed to be in sufficient and better category at all sampling depth whereas in barren land nitrogen varies from good to better.

Phosphorus: The phosphorus content in the Agricultural Land (S1), Barren Land (S2) and Forest Land (S3) is observed to be in less to less category; and

Potassium: The potassium content in the study varies from less to average.

Since the PK values are less in most areas, fertilizer supplements will be required for increasing the agricultural productions.

Maun
MAUN PRAKASH
I.F.O.
Divisional Forest Officer
West Division, Hazaribag

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

5. Topsoil Management

5.1 Introduction

Topsoil is that uppermost layer of soil capable of growing and supporting vegetation. Topsoil contains the essential microorganisms, nutrients, organic matter, and physical characteristics necessary to grow and sustain permanent vegetation.

The salvaging, stockpiling and re-application of topsoil to be used as growth medium in the reclamation of Internal & External overburden dumps within the mining area is a major environment protection programme. Soil management in opencast mine is necessary to re-establish the stability & productivity of land disturbed due to mining activity.

Two factors influence how topsoil performs as a growth medium. One is the quality of the topsoil and other is the depth of the topsoil. The higher the quality of the topsoil and the greater the depth in relation to the root zone, the better the soil will support healthy plant growth and encourage infiltration.

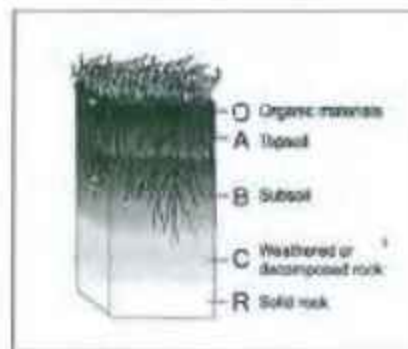
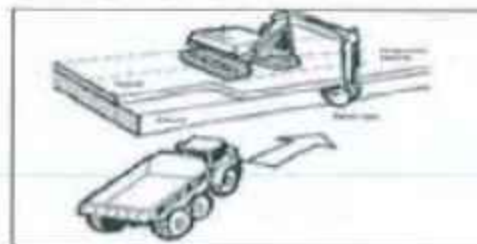


Fig :- Soil Profile

The factors influence the characteristics of topsoil are climate, vegetation and organic matter, topography and physiography, mineralogical constituents, surface processes, biological activity and human activity.

5.2 Stripping of Top Soil

Top soil should be stripped only from the area which will be disturbed by Excavation, filling, Infrastructure etc. Approx. 30 cm of top soil is stripped depending upon the soil profile at site. Depth of stripping is determined by taking soil core at several locations.



5.3 Details of Topsoil generation from Chandragupt OCP

Total top soil to be generated is approximately 3.90 MCum and this total volume of top soil will be utilized for concurrent biological reclamation of internal dumps, Embankment and Green belt.

The top soil stacked in an area of about 22.48 Ha in initial 15 years upto maximum height of 8m in 3 deck having slope 2H:1V which will be kept in Usru Village on Non-Forest land. Afterward as the mine developed the top soil is directly applied on the area to be reclaimed.

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Top soil so generated will be utilized in embankment, spreading over backfill area and in Green Belt Area. Details are given in below table.

Year/Stage	Top Soil Removal Plan (Meum)	Top Soil Used (Meum)			Total Utilize
		Spreading Over Embankment	Spreading Over Backfill Area	Used in Green Belt Area	
Y-1	0.13	0.10	0.00	0.03	0.13
Y-3	0.52	0.10	0.02	0.06	0.18
Y-5	0.83	0.10	0.07	0.06	0.23
Y-10	1.57	0.10	0.17	0.06	0.34
Y-15	2.25	0.10	0.25	0.08	0.43
Y-20	2.75	0.10	1.32	0.08	1.51
Y-25	3.11	0.10	1.32	0.08	1.51
Y-30	3.47	0.10	2.84	0.08	3.02
Y-35	3.86	0.10	3.09	0.08	3.27
Y-41	3.90	0.10	3.72	0.08	3.90
Post Closure					
Y-44	3.90	0.10	3.72	0.08	3.90


MAUN PRAKASH
 I.F.S.
 Divisional Forest Officer
 West Division, Hazaribag


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5.3 Site location

The site should be flat and established proper erosion and sediment control structure such as diversion, berms, dikes, waterways and sediment basin.

Immediately prior to spreading the top soil, loosen the subgrade by disking or scarifying to a depth of at least 100 millimeters to ensure bonding of the topsoil and subsoil.

If sufficient topsoil is available, a minimum compacted depth of a half meter on 3:1 slopes and one meter on flatter slopes is suggested.

Compact the topsoil enough to ensure good contact with the underlying soil, but avoid excessive compaction, as it increases runoff and inhibits seed germination. Light packing with a roller is recommended where turf is to be established.

5.4 Stockpiling

Top Soil will be stacked on the flat horizontal area and where there is no natural drainage. Sediment barrier is provided to retain sediment.

Temporary seeding - protect topsoil stockpiles by temporarily seeding as soon as possible, within 30 days after the formation of the stockpile.

Permanent vegetation - if stockpiles will not be used within 12 months they should be stabilized with permanent vegetation to control erosion and weeds.

As the mine pits expand, there will be more opportunity to strip top soil and apply it directly to area to be reclaimed, thus avoiding topsoil stockpiling. Freshly stripped and placed topsoil retains more viable seed, micro-organisms and nutrients than stockpiled soil. Vegetation establishment is generally improved by the direct return of topsoil and is considered 'best practice' topsoil management.

5.5 Maintenance and inspection

Periodic inspection and maintenance will be required. Make any repairs necessary to ensure the measure is operating properly. Repair and reseed if necessary to control erosion and loss of topsoil. This periodic maintenance procedure applies to either temporary soil stabilization or permanent seeding application

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MAUN PRAKASH
Divisional Forest Officer
West Division, Hazaribag

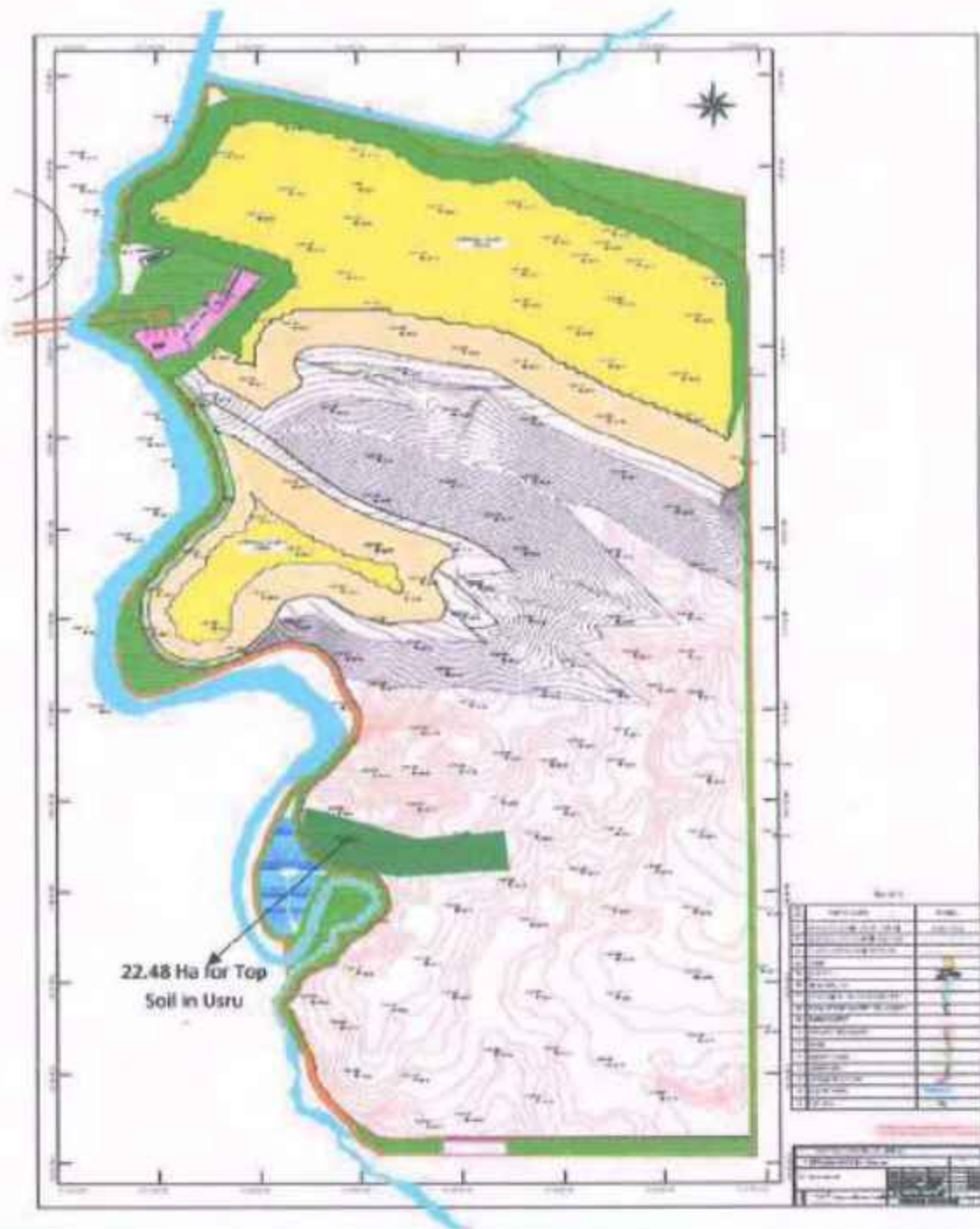


Fig: Proposed Working Plan of Chandragupt OCP showing Location of Topsoil Dump

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MAUN PRAKASH
 I.F.S.
 Divisional Forest Officer
 West Division, Hazaribag

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5.6 Topsoil Conservation with Grass and Shrub Species

The main objectives of topsoil conservation is to minimize soil erosion from wind and water runoff, enhance soil

Grass Species Selection:

1. Choose a mix of native grass species suitable for climate, soil type, and rainfall. Here are some options based on their characteristics:
 - **Fast Establishment:** Doob Grass (*Cynodon dactylon*)
 - **Erosion Control on Slopes:** Vetiver Grass (*Chrysopogon zizanioides*)
 - **Drought Tolerance:** *Dichanthium annulatum* (Ditch Pal Grass)
2. A mix of these will be most suitable combination.
3. **Planting Techniques:**
4. Sow the grass seeds directly onto the prepared seedbed following the recommended seeding rate for each species.
5. Lightly rake the seeds into the soil to ensure good seed-to-soil contact.
6. Apply a thin layer of mulch (straw, hay) to retain moisture and suppress weed growth.

S.N.	Name of Species	Common Name	Family Name	Habitat	Purpose
1	<i>Cynodon dactylon</i>	Doob Grass	Poaceae	Grass	Doob grass is a fast-growing, low-growing perennial grass that forms a dense mat, which helps prevent soil erosion. It's well-adapted to various soil conditions and tolerates moderate foot traffic.
2	<i>Cymbopogon patens</i>	Lemon Grass	Poaceae	Grass	Its root system can provide some limited stabilization, and it grows relatively quickly.
3	<i>Saccharum spontaneum</i>	Wild sugarcane	Poaceae	Grass	This tall grass grows in large clumps and is native and drought resilient.
4	<i>Cenchrus pedicellatus</i>	Deenanath Grass	Poaceae	Grass	This Grass is a many-branched leafy annual grass up to 1 m tall which will help in wind erosion and control erosion of soil.
	<i>Dichanthium annulatum</i>	Ditch Pal grass	Poaceae	Perennial grass	This is a perennial grass, up to about 25 cm tall and will be suitable for soil erosion control.
	<i>Chrysopogon zizanioides</i>	Vetiver grass	Poaceae	perennial grass	Vetiver grass (<i>Chrysopogon zizanioides</i>) is an exception with its thin fibrous roots penetrating vertically up to 3–4 m (Hollin & Haigh, 2002), thus, this grass is an agent of both erosion reduction and ensuring slope stability against shallow landslides

MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
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	<i>Axonopus compressus</i>	Carpet Grass	Poaceae	Grass	As a covering mat, it can control erosion and provide some protection against infestation by more noxious weeds.
5	<i>Dodonaea viscosa</i>	Hop bush	Sapindaceae	Shrub	These are all shrubs species, which will offer wind protection to soil
6	<i>Clerodendrum infortunatum</i>	Hill glory bower	Lamiaceae	Perennial Shrub	
7	<i>Woodfordia fruticosa</i>	Fire flame bush	Lythraceae	Shrub	
8	<i>Clerodendrum phlomisoides</i>	Sage Glory Bower	Lamiaceae	Shrub	
9	<i>Vitex negundo</i>	Cheste tree	Lamiaceae	Shrub	

Additional Considerations:

- **Slope Stabilization:** For steeper slopes, consider additional erosion control measures like jute mats or wattles alongside the grass cover.
- **Long-Term Seeding:** If long-term cover is desired, consider incorporating slow-growing, native bunchgrasses alongside the fast-establishing species for a more diverse and sustainable solution.
- **Post-Seeding Activities:** Once the topsoil is stabilized, plan for future land use. This could involve planting trees, shrubs, or crops suited for the revitalized soil.

Maun
MAUN PRAKASH
 I.F.S.
 Divisional Forest Officer
 West Division, Hazaribag

Project Officer
 CHANDRAGUPT OPEN CAST PROJECT
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-24(i)**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-12(i)

Chandragupt OCP undertake that "Mitigative measures to minimize soil erosion and choking of stream shall be implemented within a period of three year with effect from the issue of the Stage-II Clearance in accordance with the approved Plan in consultation with the State Forest Department"

[Signature]
Project Officer
Chandragupt Open Cast Project
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI CHANDRAGUPT AREA CCL

[Signature]
MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

Annexure-24(ii)

 <p>Coal India Limited A Maharatna Company www.cilindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-24(ii)

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-12(ii)



Chandragupt OCP undertake that "Planting of adequate drought hardy plant species and sowing of seeds, in the appropriate area within the mining lease to arrest soil erosion in accordance with the approved scheme."

Maun
MAUN PRAKASH
I.F.O.
Divisional Forest Officer
West Division, Hazaribagh

A. Singh
Project Officer
Chandragupt Open Cast Project

CCL
CHANDRAGUPT OCP
AMRAPALI-CHANDRAGUPT AREA, CCL

Annexure - 24 (iii)

 Coal India Limited A Mini Ratna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 INDIA 2023
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-24(iii)

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)


Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-12(iii)

Chandragupt OCP undertake that "Construction of check dams, retention / toe walls to arrest sliding down of the excavated material along the contour in accordance with the approved scheme;

"


MAUN PRAKASH
 I.F.S.
 Divisional Forest Officer
 West Division, Hazaribagh


 Project Officer
 Chandragupt Open Cast Project
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL

 Coal India Limited A Ratna Company www.cil.co.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/


Date:

Annexure-24(iv)**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-12(iv)

Chandragupt OCP undertake that "Stabilize the overburden dumps by appropriate grading/benching, in accordance with the approved scheme, so as to ensure that angles of repose at any given place is less than 28°"


Project Officer
Chandragupt Open Cast Project
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL


MAUN PRAKASH
 I.F.S.
 Divisional Forest Officer
 West Division, Hazaribagh

Annexure -24(v)

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-24(v)


Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-12(v)

Chandragupt OCP undertake that "No damage shall be caused to the top-soil and the user agency will follow the top soil management plan."


Project Officer
Chandragupt Open Cast Project
CCL

CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL


MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh



Office of the Divisional Forest Officer,
Chatra South Forest Division, Chatra.
Van Bhavna Chatra

E-mail : dfo-chatrasouth@gov.in Phone : 8987790213



Letter No.

2117

Dated

25/10/2024

To

The Project Officer,
Chandragupt OCP,
Amrapali-Chandragupt Area.

Subject:

Charging of an lump sum amount of the project cost towards the cost of implementation of the Soil and Moisture Conservation Plan against 699.38 Ha of Forest Land in respect of Stage-I obtained for mining operations of Chandragupt OCP.

Ref:

Your Letter No. GM(A-C)/PO CHANDRAGUPT/FC/2024/270 Dated 19.10.2024.

Sir,

Through above mentioned letter, a request has been made that, as per MoEF&CC, GoI Guideline dated 7th June, 2022, in cases where it is not possible for the state to submit the compliance due to delay in preparation and approval of such plan, a lump sum quantum of project cost may be realized from the User Agency and submitted along with the Stage-I compliance.

Accordingly, It has been requested to raise a demand of indicative amount equal to 0.5% of the project cost for implementation of Soil & Moisture Conservation Plan as mandated under the principle approval of the project. The estimated cost of project has been mentioned to be 973.5017 Crore in part A-I(vii) of part-I.

Therefore, it is requested to deposit the indicative lump sum amount of Rs. 4,86,75,085.00 (0.5% of the Project Cost) in CAMPA Account for Soil & Moisture Conservation Plan. The amount should be deposited to CAMPA fund only through e-portal (<https://parivesh.nic.in>) against 699.38Ha of Forest Land in favour of Chandragupt OCP along with an undertaking for depositing additional amount, if so determined, as per final approval of the Soil and Moisture Conservation Plan.

Sent for further necessary action.

Yours faithfully

Divisional Forest Officer

Chatra South Forest Division, Chatra.

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCI

25/10/2024
MLW
25-10-2024

MAUN PRAKASH

Divisional Forest Officer
West Division, H.

Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

Sanjay K

From : monitoring-fc@nic.in

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

To : po.chandragupta <po.chandragupta@coalindia.in>

Cc : monitoring-fc@nic.in

Annexure-26
Mon, Nov 04, 2024 04:48 I

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below,

Proposal Detail

1. Proposal No. : FP/3H/MIN/140599/2021
2. Proposal Name : CHANDRAGUPT OCP
3. Category of the Proposal : Mining
4. Date of In-principle : 09/04/2021
5. Name of the Applicant with Contact Details

Name	: CHANDRAGUPT OCP
Mobile No.	: 8987784169
Email ID	: po.chandragupta@coalindia.in
State	: Jharkhand
District	: Chatra
Pincode	: 825321

Funds Demand Details

1. Compensatory Afforestation : Rs. 0/-
2. Additional Compensatory Afforestation : Rs. 0/-
3. Penal Compensatory Afforestation : Rs. 0/-
4. Catchment Area Treatment : Rs. 0/-
5. Safety Zone : Rs. 0/-
6. Additional Charges for protected area : Rs. 0/-
7. Net Present Value (NPV) : Rs. 859251274/-
8. Wildlife Conservation Plan : Rs. 194700340/-
9. Soil & Moisture Conservation Plan : Rs. 48675085/-
10. Other Charges1 : Rs. 0/-
11. Other Charges2 : Rs. 0/-
- Total Amount : Rs. 1102626699/-

User Agency is requested to make above mentioned payment after generating challan through the system.

(System Administrator)

*** This is a system generated email, please do not reply. ***

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
ANDELA-CHANDRAGUPT AREA, COI

MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribag



Date-11-12-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	11026266 99.00	15072581406 99645	UBIN099 6335	ICICR4202412110 0000899	11-12-2024

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.

This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Rotu Road Ranchi -834001


CHANDRAGUPT OPEN CAST FIELD,
AMRAPALI-CHANDRAGUPT AREA, CCL


MAUN PRAKASH

L.F.S.
Divisional Forest Officer
West Division, Hazaribagh



ICICI Bank Limited
Tower,
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN.: L65190GJ1994PLC021012

Regd. Office : ICICI Bank

Near Chakli Circle,
Old Padra Road,
Vadodara 390 007, India,

Annexure-27

 Coal India Limited <small>A Maharatna Company</small> <small>www.coalindia.co</small>	CENTRAL COALFIELDS LIMITED <small>A Mini Ratna Company</small> <small>(A Subsidiary of Coal India Limited)</small> OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 INDIA 2023
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-27

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-12

Chandragupt OCP undertake that "Gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests (having crown density less than 0.40), if any, located in the area within 100 meter from outer perimeter of the mining lease. The plan for plantation and SMC activities will be prepared and submitted to MoEF&CC at the time of Stage-II Compliance"

Project Officer
Chandragupt Open Cast Project
CCL

mm
MAUN PRAKASH
I.P.S.
Divisional Forest Officer
West Division, Hazaribagh

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 Coal India Limited A Maharatna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-28**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-13(i)



Chandragupt OCP undertake that *"The demarcation of safety zone (7.5-meter strip all along the inner boundary of the mining lease area), and its fencing, protection and regeneration by erecting adequate number of 6 feet high RCC boundary pillars inscribed with DGPS coordinates with barbed wire fencing and deploying adequate number of watchers under the supervision of the State Forest Department will be completed within three months of obtaining Forest Land handover".*

man
MAUN PRAKASH
 I.F.O.

Divisional Forest Officer
 West Division, Hazaribag

[Signature]
PROJECT OFFICER
 Project Officer
 CHANDRAGUPT OPEN CAST PROJECT
 Chandragupt Open Cast Project
 AMRAPALI-CHANDRAGUPT AREA, CCL

Annexure-29

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-29

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-13(ii)

Chandragupt OCP undertake that *"The Boundary of the safety zone of the mining lease, adjacent to habitation/roads, should be properly fenced" within three months of obtaining forest land handover.*

12/4/21
MAUN PRAKASH

Divisional Forest Officer
West Division, Hazaribag

Project Officer
Chandragupt Open Cast Project
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 Coal India Limited A Mini Ratna Company www.cilindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-30**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-13(iii)

Chandragupt OCP undertakes *“Maintain a safety zone as green belt around mining lease and to ensure dense canopy in the area, regeneration will be taken up in this area under the supervision of the State Forest Dept” within three months of obtaining forest land handover.*

Maun
MAUN PRAKASH

Divisional Forest Officer
 West Division, Hazaribagh

28/10/21
Project Officer
 Chandragupt Open Cast Project
 AMRAPALI-CHANDRAGUPT AREA, CCL

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-31**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division(400.96Ha), & Hazaribagh West Forest Division(298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-13(iv)

Chandragupt OCP undertakes *"safety zone is maintained as per the prescribed norms" within three months of obtaining forest land handover.*

Project Officer
Chandragupt Open Cast Project
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

MAUN FRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh



Rehabilitation & Resettlement Plan
of
Chandragupt OCP



A & C Area
Central Coalfields Limited
(A Subsidiary of Coal India Ltd)

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

SAMJEET KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
CCL, AMRAPALI-CHANDRAGUPTA AREA

MAUN PRAKASH
I.P.S.
Divisional Forest Officer
West Division, Hazaribag

1.0 INTRODUCTION

The Chandragupt Opencast project falls within Pachra and Pachra South geological blocks. It is located in the northern part of North Karanpura Coalfields and is included in survey of India toposheet no. 73A/13 and 73E/1 in Hazaribagh district of Jharkhand. Pachra Integrated project is bounded between latitude 23051'30" to 23054'45"N and longitude 85001'15" to 85003'15". Area of the Project: 14.95 sq km. The nearest railway station is Ray, which is at a distance of 37 km from the block on the Barkakana-Deluri-on-some-loop line of North-Eastern Railways. Tori is another railway station, located south-west of the block at a crow-fly distance of about 55 km on the above loop line. Coal mining activity has not yet started in these blocks. Mining activity in the adjoining block to the west of Barki River, namely Amrapali OCP is undergoing. The block is covered by different land types viz., forest, tenancy, GMA, GMA and JJ. The normative production of the project is 15.0 MTY of G-II grade coal. The present report envisages the implementation of project in MDO Mode. This Report is being prepared for the partial fulfillment of making Forest Application for diversion of forest land for non forest use under Section 2 (ii) of FC Act 1980.

2.0 LOCATION

The Chandragupt Opencast project falls within Pachra and Pachra South geological blocks. It is located in the northern part of North Karanpura Coalfields and is included in survey of India toposheet no. 73A/13 and 73E/1 in Hazaribagh district of Jharkhand. Pachra Integrated project is bounded between latitude 23051'30" to 23054'45"N and longitude 85001'15" to 85003'15". Area of the Project: 14.95 sq km.

Limiting Boundaries of the Projected Area:

- Northern Boundary: Incrop of Seam-IB.
- Southern Boundary: Southern geological block boundary of Pachra South Block.
- Eastern Boundary: Geological block boundary between Pachra Block and Chatti Bariatu block and Pachra South Block and Chatti Bariatu South block.
- Western Boundary: Leaving a surface barrier of 60m from 'Barki River' and along the incrop of Seam IB.

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA, CCL

MAUN PRAKASH

I.F.S.

Divisional Forest Officer
West Division, Hazaribagh

SANJEEV KUMAR
MANAGER

CHANDRAGUPTA OPENCAST PROJECT
CCL, AMRAPALI-CHANDRAGUPTA AREA

3.0 COMMUNICATION

The State Highway No 7 connecting Tandwa with Hazaribagh (40km) via Barkagum passes 4km south of the block. The SH-7 (starting from Hijupura) is connected to NH-75 (starting from Ranchi).

The Tandwa village is about 92km from Ranchi. However, the block remains isolated from Tandwa during rainy season due to non-existence of bridge over Barki River flowing through the western boundary of the block. The block is approachable during dry season through a kutchha road of about 5km from Kerandari village.

The nearest railway station is Ray, which is at a distance of 37 km from the block on the Barokana-Dehri-on-sone loop line of North-Eastern Railways. Tori is another railway station, located south-west of the block at a crow-fly distance of about 55 km on the above loop line.

4.0 TOPOGRAPHY, DRAINAGE AND HYDROLOGY

The block is characterized by more or less flat terrain with gentle undulations. The maximum elevation of 500m is observed near borehole no CNKP-88 & CNKP-91. The minimum elevation is about 445m on the bank of the Barki River.

The drainage of the block is controlled by the Barki River flowing north to south along the western boundary. There is another small river called Chotki River flowing north-east to south-west that finally join Barki River near borehole no CNKP-174. There are other small nallas flowing across the block that finally join Barki River. The Barki river after meeting with Chundru River near Tandwa village flows further southwards in the name of Garhi river which is an important tributary of west to east flowing Damodar river.

5.0 Rehabilitation and Resettlement Programme

Seven out of nine villages of Chandragupt OCP are located within the proposed quarry which needs to be shifted and rehabilitated. Based on the available data as per project report of Chandragupt OCP about 500 families would be affected by mining operation, in Chandragupt OCP. Thus, provision has been made for rehabilitation of 500 families. This figure is tentative & may change after detailed survey of mining lease hold area.

Resettlement and rehabilitation will be done according to R&R Policy of Coal India

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

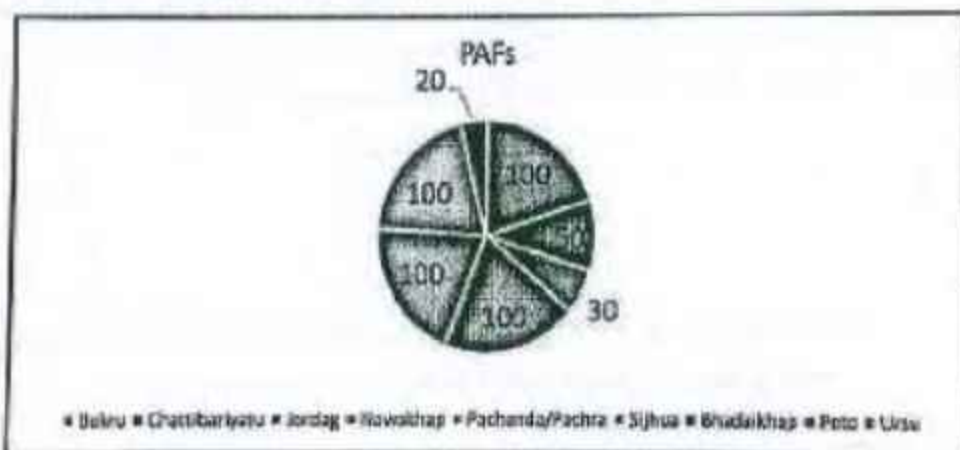
Mam
MAUN BRAKASH
LFC,
Divisional Forest Officer
West Division, Hazaribagh
SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
CCL, AMRAPALI-CHANDRAGUPTA AREA

Limited. As per PR estimated capital for capital outlay in mines for rehabilitation for 500 families including cost of house are 5504 . (Ref Appendix A.B.I of PR)

Estimated capital for capital outlay in mines		
Village rehabilitation for 500 families including cost of houses		
Phasing	Up to Target Year	
	1 st yr	1000
	2 nd yr	1000
	3 rd yr	1000
	4 th yr	1000
	5 th yr	1504
Total Provision		5504

Rehabilitation process as an ongoing programme designed to restore physical, chemical and biological quality disturbed by the mining to a level acceptable to all concerned. It aims at leaving the area in such a way that rehabilitation does not become a burden to the society after mining operation is over. It must also aim to create a self-sustained ecosystem.

Village wise breakup for 500 families are -



Sl.no.	Village	District	No. of Families (approx.)
1	Bukru	Hazaribagh	100
2	Chattibariyatu	Hazaribagh	50
3	Jorag	Hazaribagh	30
4	Nawakhap	Hazaribagh	100
5	Pachanda/Pachra	Hazaribagh	100
6	Sijhua	Hazaribagh	100
7	Bhadakhap	Hazaribagh	Nil
8	Peto	Hazaribagh	Nil
9	Ursu	Chatra	20
Total			500

MAUN PRAKASHI

Divisional
Ward

PROJECT OFFICER

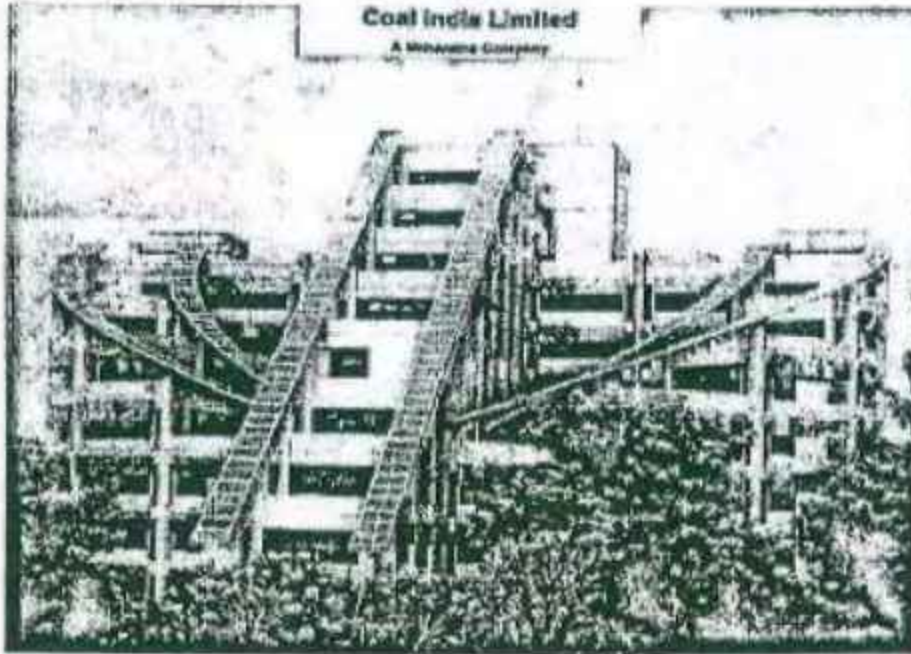
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA, CCL

SANJEEV KUMAR
MANAGER

CHANDRAGUPTA OPENCAST PROJECT
CCL, AMRAPALI-CHANDRAGUPTA AREA



Coal India Limited
A Maharatna Company



Annuity Scheme, CIL, 2020

(In Lieu of Direct Employment or One-Time Monetary Compensation Against Land)

MAUN PRAKASH

Divisional Forest Officer
West Division, Hazratganj
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA FCL

SANJEEV KUMAR
MANAGER

CHANDRAGUPTA OPENCAST PROJECT
FCL, AMRAPALI-CHANDRAGUPTA AREA

Scanned with CamScanner



2 September, 2020



Foreword

Land is a major resource for any mining project. One of the major challenges of the coal industry is land acquisition and its physical possession. As a natural corollary, rehabilitation and resettlement of villages pose its own challenge.

Coal India Limited and its subsidiary companies spread across eight states of the country, amidst the challenges, are meeting the energy requirement of the country with admirable tenacity.

Coal India believes in mining with a human face and over the years has gained and garnered the confidence and goodwill of the project affected persons (PAPs) with its philosophy of inclusive growth and progressive rehabilitation policies.

Coal India is a socially responsible and responsive company. The company is conscious of the need to protect the regular source of income the small landowners earn out of the land they part with for coal mining operations.

'CIL's Annuity Scheme 2020' is an attempt to strike a judicious balance between meeting the organisation's business goals and ensuring a sustainable source of income to PAPs.


PROJECT OFFICER: **MAUN PRAKASH**
I.F.C.
CHANDRAGUPTA OPEN CAST PROJECT
ANRUPALU CHANDRAGUPTA AREA
Divisional Forest Officer
West Division, Hazaribag


Pramod Agrawal


SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
CIL, ANRUPALU/CHANDRAGUPTA AREA

बिनय दयाल
निदेशक (तकनीकी)
Binay Dayal
Director(Technical)



कोल इंडिया लिमिटेड
Coal India Limited

is Government of India Enterprise
A Maharatna PSU
Premises No. 04 80A, Plot No. AF-11,
Action Area 1A, New Town,
Rajarhat, Kolkata-700155
Phone: 033 23244024, Fax: 033 23244082
E-mail: info@coalindia.in
Website: www.coalindia.in

2nd September, 2020



Foreword

With an objective to ensure energy security and curb import bills of the nation, CIL has envisaged to produce 1 Billion Tonne of coal by FY 2024 with participation of all stakeholders.

Land being key resource to coal mining, has vital role to play in meeting above objectives. Taking physical possession of tenancy land is one of the most challenging aspect in operationalization of any coal mining project across the subsidiaries of CIL.

Since inception, Coal India is working on basic philosophy of providing fair compensation to the affected families and making adequate provisions for safeguarding their sustainable income. For small landholding affected families, greater emphasis need to be given for their sustainable income.

Considering the paramount importance of these aspects, concept of alternative option like annuity was also emerged during the Chintan Shivir organised by Ministry of Coal on 17th & 18th February 2020 at Kevadia (Gujarat).

CIL's Annuity Scheme 2020 against land is an endeavor to afford a consistent source of earnings to its PAPs while taking care of organizational priorities at the same time.

I take this opportunity to appreciate the efforts put in by Shri A N Goswami, Chief Manager (Mining), Project Monitoring Division, CIL in framing this Scheme.

Binay Dayal

SANJEEV KUMAR
MANAGER
CHANDRASUPTA OPENCAST PROJECT
DL, AMRAPALI-CHANDRASUPTA AREA

PROJECT OFFICER
CHANDRASUPTA OPEN CAST PROJECT
AMRAPALI-CHANDRASUPTA AREA, CCL

MAUN PRAKASH
I.F.O.
Divisional Forest Officer
West Division, Hazaribag

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Coal India Limited
A MAHARATHA COMPANY
Coal Bhawan, 3rd Floor, Core - 2
New Town, Rajarhat, Kolkata- 700 156.
PHONE: 033-2324-6626, FAX:033-2324-6610
Email - mvs@coalindia.co.in
WEBSITE: www.coalindia.in
CIN - L23109WB1973GOI023864

Ref No. CL/CO(D)-04112/2020: 25592

Dated 2nd Sept. 2020

To
GM (PMD),
Coal India Limited,
3rd Floor, New Town,
Rajarhat, Kolkata - 700 156.

Sub: Minutes of 409th CIL Board Meeting held on 25th August 2020

Dear Sir,

Reproduced below is the relevant extracts from the minutes of 409th meeting of Board of Directors of Coal India Limited held on 25th Aug. 2020 at Kolkata with regard to the following item:

*ITEM NO.409.4 (B)

Sub: CIL Annuity Scheme, 2020 in lieu of direct employment or one-time monetary compensation against land.

- 4.2 Director (Technical) apprised the Board that CIL Subsidiaries were providing employment against land acquired for coal mining projects as per CIL R&R Policy and prevalent State Laws. In order to maintain the profitability of the projects, Subsidiaries are opting for outsourcing of projects which result in reduction in employment opportunity in projects for unskilled workers. Therefore, the scope for providing employment to unskilled project affected persons against land acquired had reduced. To address this issue, it was suggested in a review meeting held on 16th March '20 to explore a suitable alternative mode of land acquisition or to formulate an alternative to employment like annuity. Annuity is an alternative method in lieu of providing employment or one-time monetary compensation in lieu of employment as well as maintaining sustainable cash flow to affected families. This also reduces the overall cost to the company by way of reduction in wage cost. He further apprised the salient features of the scheme as under :-
- a) The Annuity Scheme shall be implemented as an option in lieu of employment claim by the eligible affected family against land acquisition and annuity to be provided as per RFCTLARR Act 2013 to all the affected families. All such entitled Affected Family shall opt for annuity and forgo the job benefit or one-time monetary compensation in lieu of employment against acquired land by entering into an agreement with project authority.
 - b) For land owner, Annuity will be at the rate of Rs 150/- per decimal of land lost in lieu of employment to a minimum of Rs. 2000/- per month subject to a maximum of Rs

PROJECT OFFICER
CHANDRA GUPTA OPEN CAST PROJECT
ANDRA PRADESH CHANDRA GUPTA AREA, COA

MAHAPRAKASH
CHANDRA GUPTA
MANAGER
CHANDRA GUPTA OPEN CAST PROJECT
COA, ANHAPALI CHANDRA GUPTA AREA

30000/- per month for the period of thirty years or life of project whichever is higher with 1 % incremental growth on every year on total annuity or Annual Indexation to the Consumer Price Index for Agricultural Labourers over Rs.2000/- whichever is higher.

Or,

An affected family whose land or other immovable property has been acquired & possessed by the company and become eligible for employment as per respective State Policy and opt for annuity in lieu of employment or one-time monetary compensation will get Rs 30000/- per month for the period of Thirty years or life of project whichever is higher with incremental growth as mentioned above.

- c) An affected family may be a non-title holder whose primary source of livelihood was dependant on the land acquired for more than three years prior to the date of acquisition will get Rs 2000/- per month upto life of the project or 20 years whichever is higher with appropriate indexation to the Consumer Price Index for Agricultural Labourers. and
- d) Subsidiary Board may be authorised to modify the increment provision of Annuity in view of financial viability and prevailing unique condition of the project provided such modification is not in conflict with prevailing Central/State Law or rules.

This was discussed in CMDs Meet held on 10th July 2020, they had agreed to the scheme and suggested minor modification. After incorporating the modification, the same is placed to the Board for its consideration.

To a another query, D(T) clarified that this is an enabling provision in lieu of providing employment against land acquisition and depending on the observations/suggestion to be received, if required, the scheme would be modified in future.

In view of the above, Board accorded its approval to CIL Annuity Scheme, 2020 in lieu of direct employment or one-time monetary compensation against land as brought out in the agenda note."

This is for your information and to take necessary action please.

Yours faithfully,

MV
(M. Viswanathan)
Company Secretary

A
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

SK
SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
CCL, AMRAPALI-CHANDRAGUPTA AREA

Mg
MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribag

Annuity Scheme of CIL, 2020

A. Circumstantial:

Keeping in view the need for more efficient and cost competitive the coal companies are moving towards outsourcing mode instead of departmental mode of operation. This would result in reduction in employment opportunity in the company. Further, in most of the cases of land acquisition, the demand for employment exceeds the employment opportunity available in the mine/ project. As such, the possibilities of providing employment to the land owners are becoming difficult for the company.

Annuity may be a responsive alternate method in lieu of providing employment as well as maintaining sustainable resource of livelihood to the affected families.

B. Scope:

This annuity scheme shall be implemented in lieu of employment claim by the eligible affected family against land acquisition. All such entitled Affected Family shall opt for annuity and forgo the job benefit or one time monetary compensation in lieu of employment against acquired land by entering into an agreement with project authority.

C. Legal obligation about Annuity:

As per Second Schedule (See Sections 31(1), 38(1) & 105(3)) of the Right To Fair Compensation And Transparency In Land Acquisition, Rehabilitation And Resettlement Act, 2013 (RFCTLARR Act 2013);

Quote :

"The appropriate Government shall ensure that the affected families are provided with the following options:

(a) where jobs are created through the project, after providing suitable training and skill development in the required field, make provision for employment at a rate not lower than the minimum wages provided for in any other law for the time being in force, to at least one

PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA, CCL

SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPEN CAST PROJECT
CCL, AMRAPALI-CHANDRAGUPTA AREA

Annuity Scheme of CIL, 2020

member per affected family in the project or arrange for a job in such other project as may be required; or

(b) onetime payment of five lakhs rupees per affected family; or

(c) Annuity policies that shall pay not less than two thousand rupees per month per family for twenty years, with appropriate indexation to the CPI for Agricultural Labourers'."

Unquote

Therefore, annuity is a legally tenable alternative option in lieu of employment against acquired land.

D. Entitlements for Annuity;

The following category of beneficiaries may opt for Annuity in lieu of Job/ Employment or one time monetary compensation:

- I. All land owner whose land is acquired will be eligible for compensation for land as specified in the First schedule of RPCTLARR Act, 2013 or, determined as per the clarification given by MoC vide letter No. 43020/25/2015-PRIW-I dt.04-08-2017 and Letter No.43020/25/2015-PRIW-I dt. 30-03-2018 respectively or, Negotiated Land Value in case of Direct purchase of land whichever is applicable.
- II. An affected family whose land or other immovable property has been acquired & possessed by the company and eligible for employment as per respective State Policy.
- III. An affected family, may be a non-title holder, whose primary source of livelihood was dependent on the land acquired for more than three years prior to the date of acquisition and stand affected by the acquisition of land, as certified by the State Government authorities.
- IV. The Scheduled Tribes and other traditional forest dwellers who have lost any of their forest rights recognized under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 due to acquisition of land as authenticated by the District Authority of the concerned State Government.

PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA, CCL

SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
CCL, AMRAPALI-CHANDRAGUPTA AREA

MAUN PRAKASH
IFS
Divisional Forest Officer
West Division, Hazaribag

Annuity Scheme of CIL, 2020

E. Benefits to be provided:

Category	Annuity
<p>I. All land owner whose land is acquired will be eligible for compensation for land as specified in the First schedule of RFCTLARR Act, 2013 or, determined as per the clarification given by MoC vide letter No. 43020/25/2015-PRW-I dt.04-08-2017 and Letter No.43020/25/2015-PRW-I dt. 30-03-2018 respectively or, Negotiated Land Value in case of Direct purchase of land whichever is applicable.</p> <p style="text-align: center;">Or,</p> <p>II. An affected family whose land or other immovable property has been acquired & possessed by the company and eligible for employment as per respective State Policy.</p>	<p>Land compensation as per First Schedule of RFCTLARR Act 2013 in case of land acquired under CBA (A&D) Act or, determined as per the clarification given by MoC vide letter No. 43020/25/2015-PRW-I dt.04-08-2017 and Letter No.43020/25/2015-PRW-I dt. 30-03-2018 respectively or, Negotiated Land Value in case of Direct purchase of land whichever is applicable.</p> <p style="text-align: center;">Plus (+)</p> <p>Annuity at the rate of Rs 150/- per decimal of land lost in lieu of Employment subject to minimum Rs. 2000/- per month and maximum of Rs 30000/- per month for the period of Thirty years or life of project whichever is higher with 1 % incremental growth on every year on total annuity or Annual indexation to the Consumer Price Index for Agricultural Labourers over Rs.2000.00/- whichever is higher.</p> <p style="text-align: center;">Or,</p> <p>An affected family whose land or other immovable property has been acquired & possessed by the company and become eligible for employment as per respective State Policy and opt for annuity in lieu of employment or one time monetary compensation will get Rs 30000/- per month for the period of Thirty years or life of project whichever is higher with incremental growth as mentioned above.</p> <p>In case of death of land owner the annuity may be paid to his/her successor/ nominee for the rest period or equally distributed amongst all the successors. Modalities of distribution of annuity amount in case of death of land owner may be determined by the respective Subsidiary Board.</p>

PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
ANRAPALI-CHANDRAGUPTA AREA, CCL

MAHESH


SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
CCL, ANRAPALI-CHANDRAGUPTA AREA

Annuity Scheme of CIL, 2020

Category	Annuity
<p>III. An affected family may be a non-title holder, whose primary source of livelihood was dependent on the land acquired for more than three years prior to the date of acquisition i.e. date of notification u/s 9 (1) of CBA (A&D) Act 1957 and stand affected by the acquisition of land, as certified by the State Government authorities.</p>	<p>Not less than Rs 2000/- per month upto life of the project or 20 years whichever is higher with appropriate indexation to the Consumer Price Index for Agricultural Labourers.</p>
<p>IV. The Scheduled Tribes and other traditional forest dwellers who have lost any of their forest rights recognized under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 due to acquisition of land as authenticated by the District Authority of the concerned State Government.</p>	

Note:

All above entitled Affected Family shall have to opt for annuity and forgo the benefit of job/ employment by entering into an agreement with project authority.


 PROJECT OFFICER
 CHANDRAGUPTA OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPTA AREA, CCL


 MAUN PRAKASH
 Divisional Forest Officer
 West Division, Hazaribagh

4


 SANJEEV KUMAR
 MANAGER
 CHANDRAGUPTA OPENCAST PROJECT
 Hazaribagh, Jharkhand

Annuity Scheme of CIL, 2020

Additional Benefits:

Respective Subsidiary Board may consider the following additional benefits to the Affected Families who opt annuity in lieu of employment keeping in view the financial viability of the project:

- a) Imparting skilled development training or cost of such training.
- b) Group insurance benefits.
- c) Group Mediclaim benefits.
- d) Special additional incentive to those who opt for and give possession of their land (including home stead land) within one month from the announcement of project specific annuity scheme under this Scheme.

Flexibility:



Subsidiary Board is authorized to modify the increment provision of Annuity in view of financial viability and prevailing unique condition of the project, provided such modification is not in conflict with prevailing Central/State Law or rules.

In case of any circular/guideline issued by Central/State Government regarding annuity in lieu of employment or one time monetary compensation the same would be effective from the date of issue and it will have an overwriting effect on the Annuity Scheme.

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MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribag

A
PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA, CCL

Sanjeev
SANJEEV KUMAR
MANAGER
CHANDRAGUPTA OPENCAST PROJECT
CCL AMRAPALI-CHANDRAGUPTA AREA

 Coal India Limited A Maharatna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-33**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-14

Chandragupt OCP undertakes that the activities under the R&R plan shall be commenced and implemented as per the R&R Policy of State Government in consonance with National R&R Policy of Government of India. Chandragupt OCP, CCL further undertakes that the activities under the R&R Plan shall be commenced within one year of obtaining forest land handover"

Project Officer
 Chandragupt Open Cast Project
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL

MAUN
MAUN PRAKASH

Divisional Forest Officer
 West Division, Hazaribag

Annexure - 34



Office of the Principal Chief Conservator of Forests

Van Bhowan, Doranda, Ranchi - 834 002
Email: pccf-jhk@gov.in. Phone No. 0651-2481909

Office order No. 173

dated 28/11/2024


Sanction Order of the De-siltation Plan with reference to non-forestry use of 699.38 ha of forest land for Chandragupta Open Cast Mine in favour of M/s Central Coalfields Limited (CCL)

The instant De-siltation Plan (referred to as "the Plan" here in after) has been submitted by M/s. **Central Coalfields Limited (CCL)** (referred to as "the User Agency or M/s CCL") in pursuance of the condition number -15 laid by the MoEF&CC vide letter no. 8-24/2023-FC dated 27.05.2024 for the diversion of 699.34 ha (400.96 ha in Chatra South Forest Division and 298.42 ha in Hazaribagh West Forest Division) of forest land for Chandragupt Open Cast Coal mining project in favour of M/s Central Coalfield Limited (CCL).

Condition no. 15 of Stage-I approval:

The user agency shall prepare a list of existing water tanks and other water bodies located within the five kilometre from the mine lease boundary. This list is to be duly verified by the concerned Divisional Forest officer. The user agency shall regularly undertake desiltation of these village tanks and other water bodies so as to mitigate the impact of siltation of identified ponds and water bodies. A detailed approved plan for desilting desilting of identified ponds and water bodies to be prepared in consultation with forest department and shall be submitted to MoEF&CC before stage-II approval.

2. In compliance of the aforesaid conditions laid by MoEF&CC, the User Agency M/s Central Coalfields Limited (CCL) submitted a site-specific Soil & Moisture Conservation Plan for diversion of forest land proposal of Chandragupta Open Cast Mining Project prepared in consultation with the forest officials including DFO, Chatra South and Hazaribagh West Forest Division, the CFs and RCCF, Hazaribagh.


28.11.2024

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MAUN PRAKASH
IFS
Divisional Forest Officer
West Division, Hazaribagh


PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA, CCL

3. In the above stated background, the Regional Chief Conservator of Forests, Ranchi (RCCF, Hazaribagh) vide his letter no. 2013 dated 14.11.2024 submitted the Plan to the office of the undersigned for its consideration for sanction.

4. In order to examine the plan prescriptions a communication was issued to the Regional Chief Conservator of Forests, Ranchi, vide this office letter no. 2850 dated 18.11.2024 to arrange a presentation of the plan on 27.11.2024 in the conference hall of the undersigned. The presentation was made by the Project proponent in the presence of Regional Chief Conservator of Forests, Hazaribagh, CF, Chatra, CF, Hazaribagh, DFO, Chatra South and DFO, Hazaribagh West Forest Division. Project Officer, Chandragupta OCP, Nodal Officer CCL/SCOMPL, Shri Hemant Kumar, SIDHA, Dr. Manish Kumar, SIDHA, Ms. Diksha Lakra, SIDHA, Ms. Nikita, SIDHA were also present during the presentation.

5. After deliberation on various provisions of the proposed Plan and the presentation, it was observed that there are 67 ponds in the area under consideration out of which 57 will be desilted under the current existing plan. Out of the total 57 ponds 34 ponds are falling under Hazaribagh forest Division and 23 ponds are falling under Chatra South Forest division. For the ease of operation these ponds have been classified under 3 major categories based on the average size of the total surveyed ponds. The first category of ponds have a size of 130 x 70 x 15 feet, the second category of ponds have average size of 86 x 70 x 12 feet and third category of ponds have average size of 65 x 60 x 15. In the first category there are total of 22 ponds, in the second category there are 21 ponds and remaining 14 are in the third category. The de-siltation is proposed to be carried out in four cycles. 1st cycle in first year, 2nd cycle in 4th year, 3rd cycle in 7th year and 4th cycle in 10th year.

6. The cost of the proposed 10-year Site-Specific De-siltation Plan with respect to the activities to be carried out by DFO, Chatra South and DFO, Hazaribagh West Forest Division has been estimated to be Rs. 700.79 lakh. The summary of the proposed interventions (component wise) under the Plan with the objective of conservation of forest resources as also to mitigate the impacts of mining on forests and wildlife is as follows:


28.11.2024


MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh


PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
CHATRA SOUTH CHANDRAGUPTA AREA, CCL


7. The summary of the proposed interventions (component wise) under the Plan is as follows:

De-siltation cycle	Plan year	Chatra South Forest Division (Rs.)	Hazaribagh West Forest Division (Rs.)	Total (in Rs.)
1 st cycle	1 st year	42.75	69.71	112.46
2 nd cycle	4 th year	51.29	83.65	134.94
3 rd cycle	7 th year	71.81	117.10	188.91
4 th cycle	10 th year	100.53	163.95	264.48
Total		266.38	434.41	700.79

8. The Plan with a total financial outlay of Rs. 700.79 lakh extends over a period of 10 years and shall be utilized by the Forest Department through the DFO, Chatra South and DFO, Hazaribagh West Forest Division in accordance with the Plan prescriptions.

9. Considering the proposals under the plan submitted by the User Agency and recommendation of the concerned forest officers, sanction is hereby accorded to the instant Plan subject to the following conditions:

- (i) That the User Agency shall ensure that its officials/contractors and the work force engaged into mining and allied operations under the Project shall not commit or abet any forest/wildlife offence in their area of operation. They will also promptly report any forest/wildlife offence in the area to the nearest forest office/official. Further, they will extend their full cooperation to the forest officials in control/mitigation of any incident, natural or man-made, detrimental to forest and wildlife in their area of operation.
- (ii) That the total amount of Rs. 700.79 lakh (Rupees seven crore seventy thousand only) shall be deposited by the User Agency into CAMPA


28.11.2024


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MAUN PRAKASH
I.F.
Divisional Forest Officer
West Division, Hazaribagh

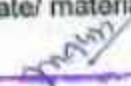
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
CHANDRAGUPT AREA, CCL


account under the relevant head/sub-head and shall be utilized by the State Forest Department through the DFO, Chatra South and DFO, Hazaribagh West Forest Division as delineated under the Plan, strictly in accordance with the prevailing norms under the Jharkhand Forest Department.

- (iii) That as regards the funds earmarked against activities to be undertaken by the State Forest Department, DFO, Chatra South and DFO, Hazaribagh West Forest Division shall prepare a detailed Annual Plan of Operations (APO) in the beginning of every financial year in respect of the instant Plan following all the rules, regulations, Schedule of Rates etc. issued from time to time by the State Government/ Forest Department. Regional Chief Conservator of Forests, Hazaribagh shall supervise & closely monitor the progress of the activities undertaken by DFO, Chatra South and DFO, Hazaribagh West Forest Division respectively as per the approved APO & funds released under CAMPA.
- (iv) That the Conservator of Forests, Hazaribagh and Chatra shall supervise all the activities as per directions issued by the Forest Department from time to time.
- (v) That the DFO, Chatra South and DFO, Hazaribagh West Forest Division shall carry out the activities under the Plan strictly as per the duly sanctioned APO.
- (vi) That both the DFOs shall ensure that no violation of duly sanctioned Working Plan of their Forest Divisions takes place during implementation of any of the activities involved in this plan over notified and demarcated forest land.
- (vii) That the instant Plan is dynamic and be reviewed after 5 years to assess its compatibility with mining and its concurrent reclamation activities and a revised Plan be formulated as per requirement.
- (viii) That though adequate provisions have been made towards cost escalation in the plan viz. increase in wage rate/ material cost etc., yet the


28.11.2024

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MAUN PRAKASH
LP
Divisional Forest Officer
West Division, Hazaribagh


PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCI

User Agency shall submit an undertaking to the DFO, Chatra South and DFO, Hazaribagh West Forest Division to the effect that it will deposit extra cost of the plan beyond the cost escalation provision owing to increase in wage rate etc. in due course of time as well as consequent upon revision in the plan, if any, as and when given effect to by the competent authority.

Sd/-
Principal Chief Conservator of Forests,
Jharkhand, Ranchi


Memo No. dated


Copy forwarded to Deputy Director General of Forests (Central), Ministry of Environment, Forest & Climate Change, Integrated Regional Office, Ranchi, Harmu Housing Colony, Ranchi [email: ro.ranchi-mef@gov.in] / Principal Chief Conservator of Forest-cum-Executive Director, Waste Land Development Board, Jharkhand, Ranchi / Additional PCCF, CAMPA along with a copy of the Plan, for information and necessary action.

Sd/-
Principal Chief Conservator of Forests,
Jharkhand, Ranchi

Memo No. 2930 dated 28/11/2024

Copy forwarded to Regional Chief Conservator of Forest, Hazaribagh / Conservator of Forest, Hazaribagh / Chatra / DFO, Chatra South / Hazaribagh West Forest Division for information and necessary action.


28.11.2024
Principal Chief Conservator of Forests,
Jharkhand, Ranchi


MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh



कार्यालय – वन प्रमंडल पदाधिकारी,
हजारीबाग पश्चिमी वन प्रमंडल, वन भवन, हजारीबाग

☎ 06546-222339, Email- dfo.hazaribaghwest@forest.nic.in & dfo-hazaribaghwest@gov.in

सेवा में

पत्रांक : 5389

दिनांक : 13/12/24

परियोजना पदाधिकारी,
चन्द्रगुप्त ओपनकास्ट,
भीरुटीपत्ती भवन, झरखंड,
पोस्ट-टंडवा, जिला-घातरा 825321

विषय :-

Sanction Order of the De-Siltation Plan with reference to non-forestry use of 699.38 ha of forest land for Chandragupta Open Cast Mine in favour of M/s Central Coalfields Limited (CCL)

प्रसंग :-

प्रधान मुख्य वन संरक्षक, झारखण्ड, लंगी क्वॉ संपादक 2930 दिनांक 28.11.2024

महाराज,

उपर्युक्त विषयक प्रसंगाधीन पत्र के संबंध में सूचित करना है कि भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली का पत्रांक 8-24/2023-FC दिनांक 27.05.2024 द्वारा स्टेज -I में लगाये गये condition No. 15 of the said letter. The commensurate funds shall be deposited in National Authority prior to Stage-II approval. के अनुपालन में प्रधान मुख्य वन संरक्षक, झारखण्ड, संघी का कार्यालय आदेश संख्या 173 एवं संपादक 2930 दिनांक 29.11.2024 द्वारा De-Siltation Plan स्वीकृत किया गया है (जथा प्रति संलग्न)।

Name of Division	Deposited amount for Catchment Area Treatment Plan (Rs in lakh)
Chatra South Forest Division	266.38
Hazaribagh West Forest Division	434.41
Total :-	700.79

उक्त condition No. 15 के अनुपालन के क्रम में वन प्रमंडल पदाधिकारी, भारत पश्चिमी वन प्रमंडल को De-Siltation Plan - 266.38 लाख रु० एवं हजारीबाग पश्चिमी वन प्रमंडल को 434.41 लाख रु० की स्वीकृति दी गई है।

अतः अनुरोध है कि वन प्रमंडल पदाधिकारी, भारत पश्चिमी वन प्रमंडल 266.38 लाख एवं हजारीबाग पश्चिमी वन प्रमंडल को 434.41 लाख रु० कुल रु० 700.79 (in lakh) ई-पेमेंट के माध्यम से Ad-hoc कैंपा के खाता में जमा करते हुए चालान की सत्यापित प्रति इस कार्यालय में समर्पित करना सुनिश्चित किया जाय ताकि अग्रतः कार्रवाई किया जा सके।

अनुलग्नक-गणित।

MAUN PRAKASH

I.F.O.

Divisional Forest Officer
West Division, Hazaribag

आपका विश्वासी

वन प्रमंडल पदाधिकारी
हजारीबाग पश्चिमी प्रमंडल

Email

Sanjeev Kumar

Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

From : monitoring-fc@nic.in

Subject : Email Alert From System Administrator of Online Submission and Monitoring of Forests Clearances Proposal(OSMFCP) portal

To : po.chandragupta <po.chandragupta@coalindia.in>

Cc : monitoring-fc@nic.in

Wed, Jan 22, 2025 04:08 PM

This is to acknowledge that demand details submitted by User Agency have been verified by Nodal Officer and found to be correct. Detail of Proposal are given below.

Proposal Detail

1. Proposal No. : FP/JH/MIN/140599/2021
2. Proposal Name : CHANDRAGUPT OCP
3. Category of the Proposal : Mining
4. Date of In-principle : 09/04/2021
5. Name of the Applicant with Contact Details

Name	: CHANDRAGUPT OCP
Mobile No.	: 8987784169
Email ID	: po.chandragupta@coalindi a.in
State	: Jharkhand
District	: Chatra

Maun Prakash

MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribag

Maun Prakash

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
Hazaribag

Annexure -36

Pincode

: 825321

Funds Demand Details

1. Compensatory Afforestation	: Rs. 1643619381/-
2. Additional Compensatory Afforestation	: Rs. 0/-
3. Penal Compensatory Afforestation	: Rs. 0/-
4. Catchment Area Treatment	: Rs. 480592000/-
5. Safety Zone	: Rs. 0/-
6. Additional Charges for protected area	: Rs. 0/-
7. Net Present Value (NPV)	: Rs. 0/-
8. DE-SILTATION	: Rs. 70079000/-
9. Other Charges1	: Rs.0/-
10. Other Charges2	: Rs.0/-
11. Other Charges3	: Rs.0/-
Total Amount	: Rs. 2194290381/-

User Agency is requested to make above mentioned payment after generating challian through the system.

(System Administrator)

*** This is a system generated email, please do not reply. ***

MAUN PRAKASH
I.F.S.

Divisional Forest Officer
West Division, Hazaribag

PROJECT OFFICER
PROJECT OFFICE
CHANDRAKANT DEBBI C/SE
JALPAIGURI DISTRICT
WEST BENGAL



Date-27-01-2025

TO WHOMSOEVER IT MAY CONCERN

This is to certify that CENTRAL COALFIELDS LIMITED has made the below mentioned payment from their current account 017505009227 with our bank:-

Sr. No.	Beneficiary Name	Amount	Beneficiary account no	Bene IFSC	UTR	Date
1	JHARKH AND CAMPA	2194290381.00	1507258140599331	UBIN0996335	ICICR42025012700001515	27-01-2025

It is clarified that this information is furnished in strict confidence and without any risk and responsibility on our part or on the part of any Bank's officials in any respect more particularly either as guarantor or otherwise.

This certificate is issued at the specific request of the said customer.

Regards


Authorised Signatory

ICICI Bank-Ltd

Ratu Road Ranchi -834001


PROJECT OFFICER
CHANDRAGUPH OPEN CAST PROJECT
ANRABAL CHANDRAGUPH AREA, CCL




MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribag

ICICI Bank Limited
Modi Heights, Shop # 05 & 06
Opp. All India Radio Station,
Ranchi- 834001,
Jharkhand, India

Website www.icicibank.com
CIN: L65190GJ1994PLC021012

Regd. Office : ICICI Bank Tower,
Near Chakki Circle,
Old Padma Road,
Vadodra 390 007, India.

Annexure-37

 Coal India Limited <small>A Maharatna Company</small> <small>coalindia.co</small>	CENTRAL COALFIELDS LIMITED <small>A Mini Ratna Company</small> <small>(A Subsidiary of Coal India Limited)</small> OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 INDIA 2023
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-37

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)


Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-15



Chandragupt OCP undertakes that "Regularly monitoring desilting of these village tanks and other water bodies so as to mitigate the impact of siltation of such tanks/water bodies. A detailed approved plan for de-silting of identified ponds and water bodies to be prepared in consultation with forest department and shall be submitted to MoEF & CC before Stage-II approval;

"


MAUN PRAKASH
Divisional Forest Officer
West Division, Hazaribagh


Project Officer
Chandragupt Open Cast Project
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

Annexure-38

 Coal India Limited A Maharatna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-38

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-16

Chandragupt OCP undertake that *"The user agency shall explore the possibility of translocation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department. Also, the trees should be felled in phased manner as per the requirement in the approved Mining Plan with prior permission of concerned DFO"*.


MAUN PRAKASH
I,
Divisional Forest Officer
West Division, Hazaribag


Project Officer
Chandragupt Open Cast Project
CCL
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

Annexure-39

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-39

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-17

Chandragupt OCP undertake that "The cost of felling of trees shall be deposited with the help of State Forest Department."

[Signature]
Project Officer
Chandragupt Open Cast Project

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA

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MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p><i>Annexure-40</i></p>  <p>भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-40

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).


Undertaking to Condition No-18

Chandragupt OCP undertake that *"Mining will be done in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan as per the approved mining plan shall be executed by the User Agency from the very first year, and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, in the concerned State Government and the concerned Regional Office of the Ministry. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the User Agency, the Nodal Officer or the concern Addl. Principle Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities area satisfactorily executed"*.

Ymna
MAUN PRAKASH

**Divisional Forest Officer
West Division, Hazaribagh**

18/5/24
**Project Officer
Chandragupt Open Cast Project
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CC**

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p style="text-align: center;">CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p style="text-align: right;">Annexure 41</p>  <p style="text-align: center;">भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-41

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)



Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-19

Chandragupt OCP undertake that *"comply with the Hon'ble Supreme Court order on re-grassing, and re-grass the mining area and any other areas which may have been disturbed due to mining to restore them to a condition which is fit for growth of fodder, flora, fauna, etc. in a timely manner"*.

MAUN
MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

28/1/25
Project Officer
Chandragupt Open Cast Project
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 Coal India Limited A Maharatna Company www.coalindia.in	<p style="text-align: center;">CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p style="text-align: center;">G20  भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-42

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: - Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division(400.96Ha) & Hazaribagh West Forest Division(298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-20

Chandragupt OCP undertake that *Period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease proposed to be granted under the Mines and Minerals (Development and Regulation) Act, 1957, as amended and the rules framed there-under*.

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MAUN PRAKASH
 I.F.S.
 Divisional Forest Officer
 West Division, Hazaribagh

28/1/25
 Project Officer
 Chandragupt Open Cast Project
 CCL
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CI



Annexure-43

File No.: IA-J-11015/43/2021-IA-II(M)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Dated 02/01/2025



To,

Sh. Bhushan Kumar
M/s Central Coalfields Limited
Darbhanga House, Kutchery Road, Ranchi, Jharkhand, 834001
E-mail: moef-patvesh.ccl@coalindia.in

Subject: Chandragupt Opencast Coal Mine Project (area 1495 Ha having capacity 20 MTPA) by M/s Central Coalfields Limited, located at Villages: Ursu, Bhadaikhap, Sejhua, Bukru, Chatti Bariatu, Jordag, Nawa Khap, Pachaura & Peto; District: Hazaribagh & Chatra; State: Jharkhand- Grant of Environment Clearance - regarding

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/JH/CMIN/501930/2024 dated 19/10/2024 and subsequent submission of written information on 09.12.2024 seeking for grant of prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24A0101JH5364351N
(ii) File No.	IA-J-11015/43/2021-IA-II(M)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vi) Sector	Coal Mining
(vii) Name of Project	Chandragupt Opencast Coal Mine Project
(ix) Location of Project (District, State)	CHATRA, JHARKHAND
(x) Issuing Authority	MoEF&CC
(xii) Applicability of General Conditions	No

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MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

3. M/s Central Coalfields Limited has made an online application vide proposal no. IA/JH/CMIN/501930/2024 dated 19.10.2024 along with copy of EIA/EMP report, Forms (Part A, B and C) seeking Environment Clearance (EC) under the provisions of the EIA Notification, 2006 for the project mentioned above.

4. The proposed project activity is listed at schedule no. I(a) Mining of minerals, under Category "A" of the schedule of the EIA Notification, 2006 and being appraised at Central Level.

5. The instant Proposal was earlier considered by the EAC (Coal) in its 48th meeting held 28.08.2023 and 8th EAC meeting held on 28.02.2024 and the proposal was returned in its present form. The proposal was further considered in 18th EAC meeting held on 27th November 2024. The MoM for the same may be seen using the web link: parivesh.nic.in.

Details submitted by the project proponent:

6. The project of M/s Central Coalfields Limited is for setting up a new opencast coal mining project in the lease area of 1495 Ha for 20 MTPA capacity located at villages: Urna, Bhadaakhop, Sejhua, Bukra, Chatti Bariata, Jordag, Nawa Khap, Pachanza & Peto; district: Hazaribagh & Chatra of state Jharkhand.

7. Details of ToR are furnished below:

Date of Application	Details	Date of Accord	ToR Validity
26.05.2021	Online Proposal No. IA/JH/CMIN/208302/2021; File No. IA-J-11015/43/2021-IA-II(M)	13.09.2021	4 Years (valid till 12.09.2025)

8. Environmental Site Settings: PP submitted that the project area is covered under Survey of India Topo Sheet No. 73A/13 & 73E/1 and is bounded by latitudes 23°51'22.45" N to 23°54'37.00" N and longitudes 85°01'15.39" E to 85°03'11.60" E (WGS-84).

Project site is located in Hazaribagh District, which is a Severely Polluted Area as per CEPI Assessment 2018. However, the project site is not situated in the SPA specified areas of Hazaribagh and PP has submitted a letter from Jharkhand State Pollution Control Board in this regard. This aspect has also been verified through DSS KML. Hence, Project does not fall in the Critically Polluted Area (CPA)/ Severely Polluted Area (SPA), as per CEPI Assessment 2018 by CPCB.

Forest Area: The project involves total 699.38 Ha of forestland the details of the approval obtained for the forestland is as follows:

S. No.	Obtained vide letter No.	Area (in Ha)	Stage I/II	Validity
1	FC issued vide file no:8-24/2023-FC dated 27.05.2024	699.38 Ha	Stage-I	Co-terminus with the period of the mining lease under the Mines and Minerals (Development and Regulation) Act, 1957

Out of the total forestland, 400.96 Ha of forestland falls in Chatra South District and 298.42 Ha of forestland falls in Hazaribagh West District. PP submitted that there is no broken forest land and there is no violation of Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980.

Protected Area: PP submitted that the project is not located within 10 KM of any ESZ/ ESA/ National Park/ Wildlife Sanctuary/ Biosphere Reserve/ Tiger Reserve/ Elephant Reserve/ Tiger Corridor/ Elephant corridor etc and there is no violation of WLP Act. PP has submitted a letter of PCCF dated 16.04.2024 stating that "Chandragupt OCP, CCL does not fall under any notified Corridor, Sanctuary or ESZ".

PP submitted that 21 nos of Schedule-I species have been identified to be present in the study area, as per the baseline study and authenticated list of flora and fauna, namely Asiatic Elephant (*Elephas maximus indicus*), Indian Pangolin (*Manis crassicaudata*), Sloth Bear (*Melursus ursinus*), Jackal (*Canis aureus*), Jungle Cat (*Felis chaus*), Small Indian Mongoose (*Urva auropunctata*), Grey Mongoose (*Urva edwardsii*), Asian Palm Civet (*Paradoxurus hermaphrodites*), Striped Hyena (*Hyaena hyaena*), Porcupine (*Hystrix indica*), Python (*Python molurus*), Cobra (*Naja naja*), Russell's Viper (*Daboia russelii*) Checkered Keelback (Water Snake) (*Fowlea piscator*), Rat Snake (*Ptyas mucosus*), Monitor Lizard (*Varanus bengalensis*), Indian Chameleon (*Chamaeleo zeylanicus*), Indian flap Shell turtle (*Lissemys punctata*), etc. A detailed wildlife management plan for the study area with budgetary provisions of Rs. 5360.96 Lakhs has been prepared and submitted to DFO for approval. Consequently, the revised wildlife management plan as per the suggestions of DFO was again submitted to DFO vide GM (AC)/PO(Chandragupt)/ 24-25/257, dated 24.08.2024 for approval of CWLW.

Mine Lease Area: PP submitted that the instant proposal is proposed on 1495 Ha and the said land was acquired under CBA Act. Details of the ML area acquired are as follows:

S. No.	Govt. Order/Notifications as the case may be	Date	Area (ha)
1	SO notification 1299 under CBA Act	25.05.2017	1348.78
2	SO notification 4943(E) under CBA Act	14.11.2023	170.72
Total			1519.50

The Mine Lease been allotted is for 1519.50 Ha. However, mine plan is prepared by projecting an area of 1495 Ha within the acquired area as per the aforesaid notifications.

9. Method of Mining and Mine Plan & Mine Closure Plan:

i. The Mine Plan and Mine Closure Plan of Chandragupt OCP revised as per the directions of 8th EAC Meeting held on 28.02.2024 is approved by the Board of Directors of M/s CCL on 22.07.2024 in its 541st Meeting.

ii. Total geographical reserves reported in the mine lease area of 1495 Ha is 706.26 MT. Out of which mineable and extractable reserves are 465.59 MT. Percentage of extraction is 100%.

iii. There are total 9 nos. of working seams.

iv. The method of mining to be adopted is Opencast mining by fully mechanized method.

v. The life of mine is 41 years.

vi. The total estimated volume of overburden is 928 Mcum. Of this 37.53 Mcum of OB will be generated during initial 6 years and will be dumped externally in 3 different locations on the coal bearing area. Starting from the 6th year, this external dump will be re-handled into the mine void of Chandragupt OCP.

vii. Land use details:

A. Pre-mining land use

S. no.	Type of Land	Area (Ha)
1.	Forest Land	699.38
2.	Agricultural Land	570.26
3.	Grazing Land	0.58
4.	Barren Land	7.72
5.	Surface Water Bodies	26.3
6.	Settlement	3.00
7.	Roads/Other Infrastructure	12.88
8.	Tenancy Land, Govt. Land and Religious Places	174.88
Total		1495

B. Post-mining land use:

S. No.	Type of Land	Agriculture	Plantation	Water Body (Ha)	Public/ Company use (Ha)	Total (Ha)
1.	Quarry Backfilled Area	198.02	880.93	-	-	1078.95
2.	Excavated Void	-	26.68	94.77	-	221.45
3.	Green Belt & Safety Zone	-	112.45	-	-	112.45
4.	Stream Diversion and River	-	-	15.02	-	15.02
5.	Built-up Area	-	26.44	-	24.26	50.70
6.	Embankment	-	16.43	-	-	16.43

MAUN PRAKASH
J.F.S.
Divisional Forest Officer
West Division, Hazaribag

7.	Total	198.02	1062.93	209.79	24.26	1495.00
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viii. Transportation of coal:

- In-pit: Combination of in-pit conveyor belt and rear loading of dumper.
- Surface to siding: Belt Conveyor.
- Siding to loading: Rail (silo loading)

Initially, till the commissioning of pit-head CHP, coal will be dispatched through dedicated coal transportation route to nearby Shripur railway siding which is at around 8 kms away from the project by tipping trucks.

ix. Details of reclamation:

- Total Afforestation plan will be implemented covering an area of 1266.63 (includes 198.02 ha agroforestry) ha at the end of mine closure.
- 1078.95 Ha of internal dump will be covered with plantation and agroforestry of 880.93 Ha and 198.02 Ha respectively.
- Greenbelt will be developed in an area of 112.45 Ha with the density of 2500 plants per Ha.
- A void of 221.45 Ha at a depth of 40 m to 50 m, is proposed to be transformed into a water body covering 194.77 hectares, while 26.68 hectares will be designated for planting.
- Plantation of 42.87 hectares is proposed for the CHP land, as well as for the road, infrastructure, and embankments.

10. Baseline Data: Baseline data was generated from 1st March 2022 to 31st May 2022 and 1st March 2024 to 31st May 2024.

11. Details of Water Requirement: The water requirement reported during construction phase is 200 KLD and during the operational phase is 6760 KLD. Source of water proposed to be used is groundwater for which PP has obtained NOC vide Ref No: CGWA/NOC/MIN/ORIG/2024/21001 Dated: 19.11.2024, valid till 18.11.2026 for extraction of 6420 KLD. PP also submitted that Chotki River is proposed for diversion and a detailed study for the same has been done by IIT Roorkee, wherein DPR of stream diversion was prepared and submitted to Water Resource Dept. of Jharkhand. Diversion of Chotki stream was recommended by the Chief Engineer (WRD), Ranchi vide letter no C.E./.../645/2022/230 dated 25.04.2023 and forwarded the proposal for issuance of NoC. However, the issuance of NoC is awaited due to the departmental process for "Approval of guidelines for Nala Diversion" is currently in progress.

12. Public Hearing: The proposed project falls in 2 district, namely Hazaribagh District and Chatra District. Hence the PH has been conducted by the PP in both the districts. Details of the same are as follows:

Details of Public Hearing and related issues of Hazaribagh District: The advertisement for Public Hearing of Hazaribagh District was given in Prabhat Khabar and Hindustan Times Newspapers dated 20.01.2023 for 21.02.2023. The Public Hearing took place on 21.02.2023 at Bazar Tand, Chasti Bariatu Village, Keradri Block, Hazaribagh District, under the chairmanship of Shri Vinod Kumar, District Land Acquisition Officer, Hazaribagh and in the presence of Shri Ashok Kumar Yadav, Regional Officer, Hazaribagh, JSPCB and Shri. Ashutosh, Representative of Member Secretary, JSPCB Ranchi HQ. It was attended by 314 nos of person and the major issues raised during the PH were related to pollution and damage to environment, degradation of forest land, employment, land authentication, R&R, education, Health, general amenities, loss of livelihood and skill development.

Details of Public Hearing and related issue of Chatra District: The advertisement for Public Hearing of Chatra District was given in Prabhat Khabar and Times of India Newspapers dated 20.01.2023 for 23.02.2023. The Public Hearing took place on 23.02.2023 at Purana Devi Mandap, Ursu village, Tandwa Block, Chatra District, under the chairmanship of Shri. Gaurnag Mahto, District land Acquisition Officer, Chatra and in the presence of Shri. Ashok Kumar Yadav, Regional Officer, JSPCB Hazaribagh and Shri Kumar Gaurav Jain, Representative of Member Secretary, JSPCB Ranchi HQ. It was attended by 196 nos of person and the major issues are related to pollution and damage to environment, degradation of forest land, employment, land authentication, R&R, education, Health, general amenities, loss of livelihood and skill development.

Combined Action Plan for both the Districts as per MoEF&CC OM dated 30.09.2020

MAHIN PRAKASH
Divisional Forest Officer
Wildlife Division, Hazaribagh

S. no.	Activities Proposed along with Timeline of Implementation	Capital (in Lakhs)	Revenue (in Lakhs)	Total Cost (in Lakhs)
1	Education			
a	Providing Basic Amenities in 16 schools of 9 villages (Nawakhap, Jordag, Chatti Bariatu, Sijhua, Bukru, Badhaikhap and Peto of Hazaribagh District and Serandag and Ursu villages of Chatra Dist.) (Smart Classes, computers, toilets, boundary wall, drinking water, library, sports, uniform, desks and benches)			
1 st Year	Deep boring at 5 schools costing 35 lakhs (Nawakhap, Chatti Bariatu, Sijhua, Ursu, Badhaikhap)	35	0	35
	Furniture in 5 schools costing 1 Lakh & Distribution of Utensils for 8 Schools costing 1 Lakh (All Villages)	2	0	2
	Smart classrooms 10 nos. schools costing 20 Lakhs (Nawakhap, Chatti Bariatu, Jordag, Badhaikhap and Peto)	20	0	20
2 nd Year	Provision of RO filters at 5 schools with 10 Lakhs (Nawakhap, Chatti Bariatu, Sijhua, Ursu, Badhaikhap)	10	0	10
	Toilets at 5 schools costing 50 Lakhs (Nawakhap, Chatti Bariatu, Badhaikhap, Bukru and Peto) and Building renovation of Bukru school 20 lakhs.	70	0	70
	5 sets of computers to 5 schools costing 10 Lakhs (Sijhua, Serandag, Ursu, Bukru and Badhaikhap)	10	0	10
3 rd Year	Construction of boundary wall at 8 schools costing 40 lakhs (Jordag, Chatti Bariatu, Sijhua, Bukru, Badhaikhap, Peto, Serandag and Ursu villages)	40	0	40
	Building renovation Peto School costing 10 Lakhs.	10	0	10
1 st to 10 th Year Revenue	Distribution of Uniforms, books and sports utility materials to 10 no. of schools in 9 villages costing 100 lakhs per year for 10 years		100	100
b	Providing Amenities in 12 no. of Anganwadis in nearby 7 villages (Nawakhap, Jordag, CB, Peto, Badhaikhap and Bukru Villages of Hazaribagh Dist. and Serandag of Chatra Dist.) List of Activities: Toilets, boundary wall, drinking water, Fans, utensils, playing toys, uniform, Floor mats, benches etc.			
1 st Year:	Distribution of Utensils and floor mats for 12 Anganwadis costing 2 Lakhs (All villages)	2	0	2
2 nd Year	Construction of Toilets for 4 centres 10 Lakhs (CB, Serandag and Bukru)	10	0	10
	Boundary wall and drinking water to 2 centres costing 10 Lakhs (Sijhua, Badhaikhap)	10	0	10
1 st to 10 th Year Revenue	Distribution of Uniforms, books and sports utility materials to 10 no. of schools in 9 villages costing 10 lakhs per year for 10 years		10	10
2	Enhancement of Green cover in nearby villages under the Campaign "Ek Ped Ma ke Naam"			
a	Plantation of Fruit Bearing Saplings at 37 locations including 28 Schools and Anganwadis, and 9 Village Community Buildings in 7 villages of Hazaribagh Dist. (Nawakhap, Jordag, Chatti Bariatu, Sijhua, Bukru, Badhaikhap and Peto) and 3 villages of Chatra Dist. (Ursu, Serandag and Tandwa)			
1 st to 7 th Year (Capital)	Plantation of Fruit Bearing saplings at 37 identified locations @1000 saplings per year, costing 1.5 Lakhs/year	10.5	0	10.5
1 st to 10 th Year (Revenue)	Maintenance of Plantation @ 0.75 Lakhs/ year	0	7.5	7.5
b	Distribution of Fruit Bearing saplings 5000 nos every year to nearby villagers for Beneficial Plantation			

S. no.	Activities Proposed along with Timeline of Implementation		Capital (in Lakhs)	Revenue (in Lakhs)	Total Cost (in Lakhs)
Districts					
	1 st to 10 th Year (Revenue)	Distribution of Fruit Bearing saplings 5000 nos every year under the campaign "Ek Ped Ma ke Naam" with an estimated Capital Cost of Rs. 7.5 Lakhs /year for 10 years	0	75	75
3	Health Facilities Ambulance Facilities with Life Support System and Periodic Health camps for PAFs of Both Chatra and Hazaribagh Districts of Jharkhand.				
a.	1 st to 10 th Year (Revenue)	Ambulance with Basic Life Support System with nursing assistance and BP, oxygen monitoring equipment and Oxygen delivery services at Revenue Cost Rs. 25.55 Lakhs/ Year for 10 years	0	255.5	255.5
b.	1 st to 10 th Year (Revenue)	Transport Ambulance System for nearby villages for 10 years with Revenue Cost Rs. 9.13 Lakhs/ year.	0	91.3	91.3
c.	1 st to 10 th Year (Revenue)	Conducting health camps bi annually with Health Consultation including check-ups, pathological tests and basic medicines Distribution @ Cost Rs. 10 Lakhs per year for next 10 years	0	100	100
4	Drinking Water Facility (Solar Powered Borewells with overhead tank and R.O. System at 6 locations in 5 no. of villages (Sijhua, Choti Bokra, Badhaikhap, Bokra and Peto villages of Hazaribagh Dist. and Ursu Village of Chatra Dist.)				
a.	1 st Year	Construction of Bore wells with OHT at 6 locations with Capital Cost of Rs. 72 Lakhs	72	0	72
b.	2 nd Year to 3 rd Year	Commissioning of RO plants at 6 locations @ capital cost of 50 Lakhs	50	0	50
c.	4 th Year to 10 th Year	Maintenance of RO Plants till 10 th year of mine operation with an estimated revenue cost of Rs. 1.500 Lakhs per year from 3 rd year to 10 th year	0	12	12
5	Rejuvenation of Ponds (Restoration and rejuvenation of 57 no. of ponds (32 in buffer zone and 25 in core zone), activities including de-siltation, earthen embankment, plantation and grassing on slopes and aerator for pisci-culture) Villages: Serandag, Kumaring Kalan, Kishampur, Tandwa and Ursu villages of Chatra Dist and Sisai, Jordeg, Chatti Bariatu, Bokra, Badhaikhap, Peto etc. of Hazaribagh Dist.				
a.	1 st to 3 rd Year	Construction of Embankment for 57 ponds in nearby villages costing Rs. 60.64 Lakhs	60.64	0	60.64
		Planting and grassing on the embankments costing 41.80 Lakhs	41.8	0	41.8
		Provision of Aerator for Pisci-culture for 4 no. of Ponds costing 2.50 Lakhs	2.5	0	2.5
b.	1 st to 10 th Year (Revenue)	De-siltation and cleaning of Ponds once in two years, maintenance of embankment and grassing costing 641.06 Lakhs over a period of 10 years.	0	641.06	641.06
6	Skill development (Skill development training in various trades i.e. Electrician, Welder, HMV, Fitter etc.) of Nawakhap, Jordeg, Chatti Bariatu, Sijhua, Bokra, Badhaikhap and Peto of Hazaribagh District and Serandag and Ursu villages of Chatra Dist				
a.	1 st to 10 th Year (Revenue)	Skill development training in various trades i.e. Electrician, Welder, HMV, Fitter etc. for 50 beneficiaries each year for next 10 years @ 17.5 Lakhs/year	0	175	175
Grand Total in Rs. Lakhs			456.44	1467.36	1923.8

13. EMP Cost: The capital cost of the proposed project is Rs 973.50 Crores and the capital cost for environmental protection measures is proposed as Rs 190.33 Crores. The annual recurring cost towards environmental protection

measures is 4.71 Cr. The employment generation from the proposed project / expansion is 2068. The details of cost for environmental protection measures is as follows:

S. No.	Description of Item	Proposed in Lakhs	
		Capital	Recurring
1	Air Environment	1182.00	245.56
2	Water Environment	1647.00	40.93
4	Land Environment including conservation plan and other*	16204.96	185.00
	Total	19033.96	471.49

14. Details of Solid and Hazardous Waste: The details of solid and hazardous waste generation along with its mode of treatment/ disposal is furnished as below by the PP:

S. No.	Type of Waste	Source	Applicable Rule	Quantity	Disposal
1	Municipal Solid Waste	Township, Administrative Buildings, Canteen and other.	Solid Waste Management Rule 2016	3002.5 kg/day	Biodegradable Waste: Energy or resource recovery by Conventional composting/ vermicomposting/ WTE plant/ Biogas plant etc. Non-Biodegradable Waste: Given to the waste collectors or agency as directed by the local body as per MSW rules, 2016.
2	Hazardous Wastes	Used Oil & Lubricants from HEMM/ Machineries	Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016	30 TPA	Disposed off through MoEF&CC, SPCB, or CPCB Authorized Operator.
3		Settled Sludge from ETP		1068 kg/day	Disposed off into Landfill through MoEF&CC, SPCB, or CPCB Authorized Operator.
4		Oil & Grease Sludge from ETP		15 kg/day	Disposed off through MoEF&CC, SPCB, or CPCB Authorized Operator.

15. Power Requirement and details of diversion of Hi-Tension/ Transmission Line: Maximum power demand 1,00,46 kVA. PP submitted that two electricity transmission line of 11 KV & 33 KV are also proposed for diversion in first 5 years. PP submitted that a letter in this behalf was written to the electricity board and the demand draft raised by them has been paid.

16. Plantation: PP submitted that proposed greenbelt and safety zone will be developed in 112.45 ha which is about 8 % of the total project area. A 7.5 m wide greenbelt, consisting of at least 3 tiers around mine boundary will be developed as greenbelt & Safety zone and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 1600 trees per hectare in Greenbelt. Total no. of 1,80,000 saplings will be planted and nurtured in 112.45 hectares in 05 years. Total plantation will be carried out in 1266.63 Ha backfilled area, dismantled infra and others.

17. Project Cost: The Capital Cost of project is Rs. 973.50 Crores. The fund for the CSR will be allocated based on 2% of the average net profit of the company for the three immediately preceding financial years or Rs 2.00 per tonne of Coal Production of the previous year whichever is higher. Cost for implementing EMP is submitted to be Rs. 190.33 crores as capital cost and Rs. 4.71 crore as recurring cost per year.

18. R&R Issues: PP submitted that are total 9 villages in the project area. Out of these, 3 villages will be completely settled. PP submitted that there will be 1612 PAFs. Cost of R&R is 215 Crore.

19. Undertaking/ Affidavit: PP vide undertaking dated 19.11.2024 submitted that the information provided in Form I in PARIVESH, to the Ministry/EAC members and PPT presentation during the EAC meeting to be held on 27th Nov 2024 have no deviation in respect of the proposal no: IA/JH/CMIN/501930/2024 for EC for coal mining having 1495 Ha of ML Area and capacity of 20 MTPA for Coal Mine Project located at village: Badhaikhpur, Boken, Chaffi-Bariyuta, Jordeg, Nawakhpur, Pachra/Pachanda, Peto, Sihua and Ursu Villages in District: Hazaribagh and Chatra State: Jharkhand State by M/s. Central Coalfields Limited. Further certified that there are no data entry errors in the information uploaded in

PARIVESH system including names/email-id/mobile numbers/address of the project proponent, authorized person, etc. It is also certified that the supporting documents uploaded on PARIVESH portal are correct and duly authenticated by the Authorized Signatory and in case any deviation in data found in any of the documents, the Authorized Signatory shall be held responsible and furthermore, the above said project shall be rejected for grant of EC.

20. Legal issue /Violation: PP submitted that a litigation in Hon'ble High Court of Jharkhand is pending and first hearing date of the case is awaited. PP submitted that a litigation (W.P.(C) No.5493 of 2023) is pending before the Hon'ble High Court of Jharkhand and first hearing date of the case is awaited. The case pertains to Public Hearing held for the project and MoEF&CC is not implicated as a respondent in the matter.

21. Written Submission: Project Proponent has submitted the following in writing:

Points	Written submissions made				
Revised post-mine closure plan	PP submitted the revised post mining land use plan for Chandragupt OCM, wherein, reducing the mine void to be converted into water from 194.77 Ha to 46.31 Ha and increasing the plantation from 26.68 Ha to 175.14 Ha.				
Undertaking for diversion of coal transportation route/rehabilitation of houses near the transportation route of Binglat village	PP submitted an undertaking that: 1. Steps shall be taken to explore an alternative coal transport route for the project to protect local community along Binglat. 2. Rehabilitating the houses of Binglat near coal transportation route. 3. Rehabilitating the houses of Binglat near coal transportation route.				
Revised timeline for Environmental Control Measures:	PP submitted the revised timeline for implementation of Environmental Control Measure, which is as follows: Capital Cost of Environmental Control Measures in Lakh A. Air Pollution Control Measures				
	S. No.	Pollution Control Measure	Capital Cost	Earlier Timeline	Revised Timeline
	1.	7 no. Mobile Mist type Sprinkling system within Quarry and Dump	381	4 nos. for initial 5 years and 7 nos. from 6th Year	4 nos. from start of Mine Operation and 7 nos. from 6th Year
	2.	Black topping road of 1 km from Mine to T Junction Binglat	200	1st year of mine operation	Prior to Mine Operation.
	3.	Black topping of Coal transportation Haul road from Mine (Section 1,2 & 3) to CHP	100	3rd year of mine operation	3rd year of mine operation
	4.	Fixed Mist type sprinkling system on Haul Road for length of around 2.5 km	200		
	5.	Closed crushing and Automated sprinkling system	Covered under CHP Cost	3rd Year of mine operation	3rd Year of mine operation
	6.	4 no. of Fixed Fog canons for Dust Suppressions at CHP	26		
	7.	Permanent Wind screens at CHP around 500 m	50		
	8.	1 no. of Mobile fog canon along CTR from Mine to Amrapali Entry Point	45	From 1st year to 3rd year of mine operation	Prior to Mine Operation
	9.	Permanent Wind screens on CTR near Binglat village from High level bridge to T-junction around 500 m	50		
	10.	2 no. of Continuous Ambient Air	130		

Divisional Forest Officer
Forest Division, Hazaribag

IA/JH/CMIN/501030/2024

Address: IA Division, Ministry of Environment, Forest and Climate Change,
India, Parliament Building, Jan Bhagat Singh Road, New Delhi - 110003

PROJECT OFFICER

CHANDRAGUPT OPEN CAST PROJECT

AMRAPALI BLOCK, DISTRICT PALAMU, JHARKHAND

	Quality Monitoring System		operation	Operation
	Sub Total (A)	1182		
B. Water Pollution Control Measures				
S. No.	Pollution Control Measure	Capital Cost	Earlier Timeline	Revised Timeline
11.	ETP of 360 KLD Capacity consisting of Oil and Grease Trap and Settling ponds with recycling arrangement	100	To be Completed during 1st year of mine operation	Prior to Mine Operation
12.	STP (1 MLD) with Primary and Biological treatment systems to be provided at Colony and office premises	250	To be Completed during 3rd year of mine operation	To be Completed during 3rd year of mine operation
13.	Toe Wall and Garland Drain with Sequential Settling ponds to treat run-off from OB Dump and other industrial Premises	402	As per the Mine development plan	As per the Mine development plan
14.	Construction of Sequential Settling ponds to treat mine seepage	250		
15.	Protection of Surface water bodies including diversion of Chotki Stream and construction of Embankment	425	As per the Nala diversion plan and mine development plan	As per the Nala diversion plan and mine development plan
16.	Rooftop Rain water Harvesting at Office and residential buildings	80	To be completed by the 3rd year of mine operation	To be completed by the 3rd year of mine operation
17.	Treated Drinking Water Supply to Colony and Office	80		
18.	Installation of Piezometers with Telemetry for monitoring of ground water level	60	To be Completed during 1st year of mine operation	Prior to Mine Operation
	Sub Total (B)	1647		
C. Land Reclamation				
19.	Progressive reclamation of degraded land	10844	As per the progressive reclamation plan	As per the progressive reclamation plan
20.	Conservation Plan of Schedule-I species (WLMP)	5360.96	To be taken up as per the approved Wildlife Management Plan	To be taken up as per the approved Wildlife Management Plan
	Sub Total (C)	16204.96		
	Grand Total (A)+(B)+(C) in Rs. Lakhs	19033.96		
NoC of CGWA	PP obtained NOC from CGWA vide Ref No: CGWA/NOC/MIN/ORIG/2024/21001 Dated: 19.11.2024, valid till 18.11.2026 for extraction of 6420 KLD.			

Deliberations and Observations of the Committee:

22. The Committee noted the following:

- The instant proposal is a greenfield project for grant of Environment Clearance (EC) for Chandragupt Opencast Coal Mine Project of M/s. Central Coalfields Limited, located at Villages: Ursu, Bhadailhap, Sejhun, Bukra, Chatti Baria, Jorlag, Nawa Khap, Pachaura & Peto; District: Hazaribagh & Chatra; State: Jharkhand.

ii. This proposal has been earlier appraised in 48th EAC meeting held on 28.08.2023 and 8th EAC meeting held on 28.02.2024 and the proposal was returned in its present form. Now the proposal is again placed in 18th EAC meeting held on 27.11.2024 before the EAC for appraisal wherein proponent has submitted point wise reply to the observations of EAC.

iii. The EAC took into consideration the project site through KML file on the Google Earth presented by the project proponent along with DSS of the project site on PARIVESH. Project site is located in Hazaribagh District, which is a Severely Polluted Area as per CEPI Assessment 2018. However, the project site is not situated in the SPA specified areas of Hazaribagh and PP has submitted a letter from Jharkhand State Pollution Control Board dated 05.10.2023 in this regard. Hence, Project does not fall in the Critically Polluted Area (CPA)/ Severely Polluted Area (SPA), as per CEPI Assessment 2018.

iv. The total mine lease area is 1495 Ha and it involves forestland of 699.38 Ha. Stage I FC for the forestland was accorded on 27/05/2024. Further, the project is not located within 10 km of any ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve/ tiger corridor/elephant corridor etc. PP also submitted a letter from PCCF dated 16.04.2024, wherein it is mentioned that "Chandragupt OCP, CCL does not fall under any notified Corridor, Sanctuary and USZ."

v. PP submitted that 21 nos of Schedule-I species have been identified to be present in the study area, as per the baseline study and authenticated list of flora and fauna. A detailed wildlife management plan for the study area with budgetary provisions of Rs. 5360.96 Lakhs has been prepared and submitted to DFO for approval. Consequently, the revised wildlife management plan as per the suggestions of DFO was again submitted to DFO vide GM (AC)/PO(Chandragupt)/ 24-25/257, dated 24.08.2024 for approval of CWLW. The DFO has approved the WLCP and has forwarded the same to RCCF for further processing.

vi. Terms of Reference was granted on 13.09.2021, ToR is valid till 12.09.2025.

vii. The Committee deliberated on the Carbon Sequestration Study done by the proponent and is of the opinion that the PP should continue the Carbon Sequestration Study monitoring through MoEFCC institution (eg: ICFRE) for next 3 years including carbon emissions from coal mining.

viii. Committee deliberated on the Ecological Assessment Study conducted for River/ Streams passing through the ML Area. The Committee is of the opinion that a biodiversity conservation plan in the riparian zone should be prepared and implemented in this regard.

ix. The Committee deliberated on the water requirement for the said project and diversion of any river/ nallah, if proposed. PP submitted that the water requirement during construction phase is 200 KLD and during the operational phase is 6760 KLD (peak requirement). Source of water proposed to be used is groundwater for which PP has obtained NOC vide Ref No: CGWA/NOC/MIN/ORIG/2024/21001 Dated: 19.11.2024, valid till 18.11.2026 for extraction of 6420 KLD. PP also submitted that Chotki River is proposed for diversion and a detailed study for the same has been done by IIT Roorkee, wherein DPR of stream diversion was prepared and submitted to Water Resource Dept. of Jharkhand. Diversion of Chotki stream was recommended by the Chief Engineer (WRD), Ranchi vide letter no C.E./.../645/2022/230 dated 25.04.2023 and forwarded the proposal for issuance of 'Not'. However, the issuance of NoC is awaited due to the departmental process for "Approval of guidelines for Nala Diversion" is currently in progress.

The Committee is of the opinion that, the Chotki river should be diverted only after receiving the NoC from Water Resource Department of Jharkhand and no other river or nallah should be diverted.

x. Committee deliberated on the method of transportation proposed for Coal. The Committee is of the opinion that the construction of CHP must be completed within 3 years of grant of EC. Committee also deliberated on the dedicated coal transportation road which shall be used for transportation of coal. It was observed that there are a few houses besides the transportation road. Committee is of the opinion that, these houses shall be either rehabilitated or, if possible the particular road shall be diverted. PP submitted that, the houses besides the road will be rehabilitated and also submitted an undertaking in this behalf. The Committee also opined that plantation should be done on the transportation route and fog canons must be installed for dust suppression.

xi. The Committee deliberated on the Public Hearing and observed that the PH was conducted in two districts, as the project area falls in 2 different districts, i.e., Hazaribagh District and Chatra District. PH in Hazaribagh district was conducted on 02.02.2023 and PH in Chatra District was conducted on 23.02.2023 and major issues raised during the PH in

both the districts were related to pollution and damage to environment, degradation of forest land, employment, land authentication, R&R, education, Health, general amenities, loss of livelihood and skill development.

The Committee deliberated on the Court Case pending on the project at Hon'ble High Court of Jharkhand, which alleges a defective Public Hearing held for the project. PP submitted that the first hearing of the same is yet to happen and they shall abide by the order of the court.

xii. The Committee deliberated on dumping of OB and is of the opinion that no OB dumping shall be done outside the ML area.

xiii. Committee deliberated on the plantation activities proposed by the PP. PP submitted that the proposed greenbelt and safety zone will be developed in 112.45 ha which is about 8 % of the total project area. A 7.5 m wide greenbelt, consisting of at least 3 tiers around mine boundary will be developed as greenbelt & Safety zone and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 1600 trees per hectare in Greenbelt. Total no. of 1,80,000 saplings will be planted and nurtured in 112.45 hectares in 05 years. Total plantation will be also be carried out in 1266.63 Ha backfilled area, dismantled infra and others. The Committee is of the opinion that the final void area as proposed should be reduced and plantation should be accordingly increased. PP submitted that the void of 194.77 Ha, which was supposed to be converted into a water body as per the approved mine plan will be reduced to 46.31 Ha and remaining 148.46 Ha land will be developed with plantation. Committee also suggested for the concurrent plantation plan to be implemented from 1st year onwards.

xiv. Committee is of the opinion that crop compensation shall be given to the farmers in case there is decrease in the production due to the mining activities.

xv. Committee is of the opinion that the proponent must develop an inhouse Environment Management Cell with qualified personnel to make sure the implementation of all the mitigative measures and conditions for the safeguards of the environment.

xvi. Committee deliberated on the revised budget associated with EMP and Public Hearing and suggested to revise the timeline of the proposed environmental control measures. PP made the necessary changes and submitted the same as part of written submission.

xvii. The Capital Cost of project is Rs. 973.50 Crores. Cost for implementing EMP is submitted to be Rs. 190.33 crores as capital cost and Rs. 4.71 crore as recurring cost per year.

xviii. Committee also deliberated on the measures proposed towards the SDGs 2030 and suggested installation of Solar Roof Top Panels and Solar Street Lights as one of the measures towards it.

xix. The Committee deliberated on the baseline data and incremental GLC due to the proposed project and observed that AAQ levels are within NAAQS.

xx. The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components.

xxi. The EAC also deliberated on the written submission of the project proponent and found it satisfactory.

Recommendations of the Committee:

23. Based on the discussions held and the documents submitted, the EAC recommended the proposal of Environment Clearance for Chandragupt Opencast Coal Mine Project (area 1495 Ha having capacity 20 MTPA) by M/s Central Coalfields Limited, located at Villages: Urna, Bhadaikhap, Seghua, Bokra, Chatti Bariatu, Jordag, Nawa Khap, Pachanra & Poto; District: Hazaribagh & Chatra; State: Jharkhand under the provisions of EIA Notification, 2006 (as amended), subject to the compliance of the following specific conditions in addition to the general/Standard EC conditions (Annexure-I).

24. The MoEF&CC has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the EAC hereby accords Environmental Clearance to M/s. Central Coalfields Limited for Chandragupt Open Cast Coal Mine Project.

(area 1495 Ha having capacity 20 MTPA), located at Villages: Ursa, Bhadaikhap, Sejhua, Bokra, Chatti Bariata, Jorag, Nawa Klap, Pachana & Peto; District: Hazaribagh & Chatra; State: Jharkhand subject to compliance of the Specific Environmental safeguard Conditions in addition to the standard EC conditions (Annexure-I).

25. The proponent shall obtain all necessary clearances/approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection. The Ministry or any other competent authority may stipulate any further condition for environmental protection.

26. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.

27. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.

28. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

29. General Instructions:

(i) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC website where it is displayed.

(ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.

(iii) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.

(iv) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

(v) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

(vi) The Regional Office of this MoEF&CC shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

(vii) Validity of EC is as per the provision of EIA Notification, 2006 and its subsequent amendment.

30. This issue with an approval of the Competent Authority.

Yours faithfully,

(Sunder Ramonathan)
MAUN PRAKASH
Scientist F
Tel: 011-20819378
Divisional Forest Officer
West Division, Hazaribagh
IA/JH/CMIN/501930/2024

Assistant, H Division, Ministry of Environment, Forest and Climate Change, Government of India

PROJECT OFFICER
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Copy To

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi.
2. The Secretary, Department of Environment & Forests, Government of Jharkhand, Secretariat, Ranchi.
3. Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office, 2nd Floor, Headquarter- Jharkhand State Housing Board, Harma Chowk, Ranchi, Jharkhand – 834 002.
4. The Chairman, Jharkhand State Pollution Control Board, TA building, HEC complex, PO Dharwa, Ranchi.
5. The Member Secretary, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32.
6. The Chairman, Central Ground Water Authority, Ministry of Water Resources, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi
7. The Regional Director, Central Ground Water Board, Mid-Eastern Region, 6th & 7th Floor, Lok Nayak Jai Prakash Bhawan, Fraser Road, Dak Banglow, Patna- 800011, Bihar.
8. The District Collector, Hazaribagh & Chatra, Government of Jharkhand.
9. PARIVESH Portal.

Annexure 1**Specific EC Conditions for (Mining Of Minerals)****1. A. Specific Conditions**

S. No	EC Conditions
1.1	No mining operations shall be undertaken in Forestland, until Stage – II forestry clearance for 699.38 Ha has been obtained under the provisions of Van (Sanrakshan Evam Samvardhan) Adhiniyam, Act 1980.
1.2	Project proponent shall abide by the final order of the litigation (W.P.(C) No.5493 of 2023) pending before the Hon'ble High Court of Jharkhand.
1.3	PP shall divert Chotki Nallah only after obtaining NoC from the Water Resource Department of Government of Jharkhand.
1.4	PP shall divert the Chotki Nallah in a manner that its construction for diversion shall be covered in one go without extended period and works plan shall be designed to complete the diversion avoiding Monsoon season (i.e effective working months of non-monsoon season). Embankment height shall be maintained on both side of nallah with sufficient free board upto 3 mts from its HFL.
1.5	PP shall maintain 50 mts width of embankment all along the diverted stream/nallah (Chotki) and shall carry out dense plantation with fruit bearing native species.
1.6	The diversion of Chotki Nallah shall be monitored by RO and complete report with the drone video and satellite imagery shall be submitted to concerned Regional Office of MoEF&CC along with the six monthly compliance report.
1.7	PP should complete the construction of CHP within 02 years from the date of grant of EC and no further extension in this regard will be granted. Till such time, coal shall be dispatched through dedicated coal transportation route to nearby Shivpur railway siding by covered trucks, which is

S. No	EC Conditions
	about 8 kms away from the mine lease area.
1.8	No river/ nallah other than Chotki nallah shall be diverted.
1.9	Plantation must be done on both the sides of coal transportation road and fog canons must be installed for dust suppression before the commencement of the mining operation.
1.10	PP should continue the Carbon Sequestration Study monitoring through ICFRE for next 3 years including carbon emissions from coal mining. Compliance status in this regard shall be submitted along with the six monthly compliance to the concerned Regional Office and also kept on the web portal of the company.
1.11	PP shall conduct the Ecological Assessment Study for River/ Streams passing through the ML Area through a reputed Government Institution and must prepare and implement a biodiversity conservation plan in the riparian zone. Study report and the plan in this regard must be submitted to the concerned RO. Compliance status in this regard shall be submitted along with the six monthly compliance to the concerned Regional Office and also kept on the web portal of the company.
1.12	Greenbelt and safety zone will be developed in 112.45 ha which is about 8 % of the total project area. A 7.5 m wide greenbelt, consisting of at least 3 tiers around mine boundary will be developed as greenbelt & Safety zone and green cover as per CPCB/MoEF&CC, New Delhi guidelines. Local and native species will be planted with a density of 1600 trees per hectare in Greenbelt. Total no. of 1,80,000 saplings will be planted and nurtured in 112.45 hectares in 05 years.
1.13	PP should either explore the possibility to divert the coal transportation road or rehabilitate the houses in Binglat (near the coal transportation route), as committed.
1.14	PP must give crop compensation to the farmers in case there is decrease in the production due to the mining activities. Compliance status in this regard shall be submitted along with the six monthly compliance to the concerned Regional Office.
1.15	No OB dumping should be done outside the ML area.
1.16	PP must install rooftop solar panels and encourage the use of renewal sources of energy.
1.17	The budget proposed for PH is Rs 19.23 Crores. The budget proposed shall be kept in a separate account and audited annually. Project proponent shall implement the action plan to address the issues raised during public hearing within a time frame of 3 years from the date of grant of EC. PP shall submit the progress report regarding the implementation of action plan to concerned RO along with the six monthly compliance report.
1.18	PP shall implement the protective measure proposed in Environment Management Plan (EMP) in a time-bound manner. The budget earmarked for the same is Rs 190.3396 Crores (Capital) and Rs 4.71 crores (recurring) and should be kept in separate accounts and audited annually. The implementation status along with the amount spent with documentary proof shall be submitted to the concerned Regional Office for the activities carried out during the previous year.
1.19	Main haul road in the mine shall be provided with permanent water sprinklers, and other roads shall be regularly wetted with water tankers fitted with sprinklers. Also PP shall install Mist Cannon Dust Suppression Systems (80-100 mtrs.) at Coal Stock Yard to suppress the dust particles.

S. No	EC Conditions
1.20	Garland drains (2mX3m) of adequate size shall be provided at the toe of the benches to arrest discharge and runoff with silt and sediments surging into areas adjoining the periphery of Overburden dump, which will be regularly cleaned before the onset of monsoon every year.
1.21	Check dams shall be constructed at required locations within drains to arrest eroded materials and settling ponds shall be constructed to treat mine discharge water inside the mine block.
1.22	Water harvesting pond shall be created separately to recharging the ground water and usage of project affected families.
1.23	Proper profiling of working benches of pits and dumps shall be done to channelize water in garland drains & sumps.
1.24	Waste generated from the domestic use shall be treated in STP and the treated water will be utilized in plantation & greenbelt development. Wastewater from the HEMM washing/ workshop will be treated in ETP. After treatment, water will be reused in washing of HEMM, dust suppression and greenbelt development.
1.25	PP shall make use of advanced computer simulation techniques for design and execution of blasting operation in the mine. PP shall make use of Electronic Delay Detonators for optimal blasting in coal and OB rock to minimize the environmental impacts of blasting such as ground vibration, fly rocks and excessive dust generation.
1.26	PP shall create a "Public Grievance Redressal and Monitoring System" for resolving any issues related to the pollution of mines and complaint has to resolve as soon as possible not beyond 30 days. In this regard, adequate awareness to be spread among the public to address their grievance to company with simple and easy manner and for which company needs to devise the mechanism. The same shall be reported to IRO within 3 months. A logbook to be maintained by PP on "Public Grievance Redressal and Monitoring System".
1.27	PP shall install fixed fog cannon (mist sprayer) and fixed sprinkler all along the haul road/ CHP, and OB dump till Railway siding is completed. The sufficient number of fog cannons (not less than 10 nos.) with 40 mts jet lengths shall be installed within 6 months. It should be ensured that air pollution level conform to the standards prescribed by the MOEFCC/CPCB.
1.28	PP shall deposit the approved amount as proposed for wildlife conservation plan to the Govt. of Jharkhand, Forest & Environment Dept. and further consult with State Biodiversity Authority for its CSR activity.
1.29	PP shall conduct third party audit of compliance of EC condition at an interval six months and its report shall be submitted to IRO, MoEF&CC.
1.30	The status of mine closure activities must be included in every six months compliance report submitted to the state pollution control board and RO of MoEF&CC.
1.31	PP to install solar lights along the road used for transportation of minerals to avoid the accidents at night and also seek its maintenance. PP is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone within one year.
1.32	Persons living in nearby villages shall be given training on livelihood and skill development to make them

S. No	EC Conditions
	employable with its proper records.
1.33	Hon'ble Supreme Court in an Writ Petition(s) Civil No. 114/2014, Common Cause vs Union of India & Ors vide its judgement dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and a similar condition in the environmental clearance and the mining plan to the effect that the mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Compliance of this condition after the mining activity is over at the cost of the mining lease holders/Project Proponent". The implementation report of the above said condition shall be sent to the Regional Office of the MoEF&CC.
1.34	PP shall conduct feasibility studies for assessment of voids for backfilling of ash and mixing of ash with overburden, taking up backfilling ash and OB mixing activities during operations as well as post closure of mines in line with the Fly Ash Utilization Notification, 2021.
1.35	Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. The prevention measures for burns, malaria and provision of anti-snake venom including all other paramedical safeguards may be ensured before initiating the mining activities.
1.36	PP to install solar lights along the road used for transportation of minerals to avoid the accidents at night and also carry out its maintenance.
1.37	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.
1.38	PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground). A dedicated team to oversee environment management shall be setup which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis. Any non-compliance or infringement should be reported to the concerned authority.
1.39	Wildlife conservation plan as approved by the competent authority shall be implemented. Additional, budget shall be added in the plan, in case additional measures suggested by state wildlife department. The final Wildlife conservation plan duly approved by the CWLW shall be submitted to RO, MoEF&CC within a time frame of three months from the date of grant of EC and the budget approved by the concerned authority shall be deposited in government account.
1.40	PP shall ensure that all types of plastic waste generated from the plant shall be stored separately in isolated area and disposed of strictly adhering to the Plastic Waste Management Rules 2016 (as amended). In pursuant to the Ministry's OM dated 18/07/2022. PP shall also create awareness among the people working in the project area as well as in its surrounding area on the ban on Single Use Plastic (SUP) in order to ensure compliance of Ministry's Notification published by the

MAUN PRAKASH

IA/JH/CMIN/501930/2024

Divisional Forest Officer
West Division, Hazratnagar

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S. No	EC Conditions
	Ministry on 12/08/2021. A report along with photograph on the measures taken shall also be included in the six monthly compliance report being submitted by PP.
1.41	Four numbers of Continuous Ambient Air Quality monitoring system shall be set up to monitor common/criteria pollutants from the flue gases such as PM10, PM2.5, SO2, NOX within the lease area in consultation with OSPCB. The monitoring of other locations (at least three locations outside the lease area covering upwind and downwind directions at an angle of 120° each) shall be carried out manually.
1.42	PP shall ensure that diesel operated vehicles will be switched over to E-Vehicles in a time bound manner, replace the passenger vehicles to E-vehicle in phased manner. Further, for local movement of officials Contract of Vehicles deployment shall be awarded to Project affected people and all efforts for adopting heavy E-vehicles like Bulkers for ash transportation for short distance subject to availability of such E-vehicle and adequate charging infrastructure in the surrounding area shall be provided. PP shall submit the action taken report to concerned RO with amount spent, photographs (before & after), number of e-vehicles deployed etc. in six monthly compliance report.
1.43	Digital processing of the entire lease shall be through remote sensing techniques should be done regularly once in 3 years for monitoring land use pattern and report submitted to MOEF and its Regional Office at Bhubaneswar.
1.44	R&R shall be not less than the norms prescribed in National R&R Policy 2007/State R&R Policy/CCL Policy whichever is higher.
1.45	Project proponent is advised to implement the 'Tik Ped Maa Ke Naam' Campaign which was launched on 5th June 2024 on the occasion of the World Environment Day to increase the forest cover across the Country. This plantation drive is other than Green belt development. The action in this regard shall be submitted concerned RO in six monthly report.

Standard EC Conditions for (Mining of minerals)

1. Statutory Compliance

S. No	EC Conditions
1.1	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
1.2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.3	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).
1.4	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.

S. No	EC Conditions
	start/commencement of mining operations/production.
1.5	The project proponent shall obtain the necessary permission from the Central Ground Water Authority.
1.6	Solid/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.

2. Air Quality Monitoring And Mitigation Measure

S. No	EC Conditions
2.1	Continuous ambient air quality monitoring stations as prescribed in the statute be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM10, PM2.5, SO2 and NOx. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc to be carried out at least once in six months.
2.2	The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry/Regional Office and to the CPCB/SPCB.
2.3	Transportation of coal, to the extent, if permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water/mist sprinkling/main gun/ Fog cannon etc shall be carried out in critical areas prone to air pollution (with higher values of PM10/PM2.5) such as haul road, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.
2.4	The transportation of coal shall be carried out as per the provisions and route envisaged in the approved Mining Plan or environment monitoring plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed so that the impact of sound, dust and accidents could be appropriately mitigated.
2.5	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.
2.6	Coal stock pile/crusher/feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt-conveyors shall be fully covered to avoid air borne dust. Side chocking all along the conveyor gantry should be made to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.

MAUN PRAKASH

IA/JH/CMIN/504930/2024
West Division, Hazaribagh

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

S. No	EC Conditions
2.7	Coal handling plant shall be operated with effective control measures w.r.t. various environmental parameters. Environmental friendly sustainable technology should be implemented for mitigating such parameters.

3. Water Quality Monitoring And Mitigation Measures

S. No	EC Conditions
3.1	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board.
3.2	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No.J-20012/1/2006-IA-11 (M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.
3.3	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.
3.4	Monitoring of water quality upstream and downstream of river including ponds, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
3.5	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.
3.6	Catch and/or garland drains and siltation ponds in adequate numbers and appropriate size shall be constructed around the mine working, coal heaps & OB dumps to prevent run off of water and flow of sediments directly into the river and water bodies. Further, dump material shall be properly consolidated/ compacted and accumulation of water over dumps shall be avoided by providing adequate channels for flow of silt into the drains. The drains/ ponds so constructed shall be regularly de-silted particularly before onset of monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. The water so collected in the sump shall be utilised for dust suppression and green belt development and other industrial use. Dimension of the retaining wall constructed, if any, at the toe of the OB dumps within the mine to check run-off and siltation should be based on the rainfall data. The plantation of native species to be made between toe of the dump and adjacent field/habitation/water bodies.
3.7	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) after due treatment conforming to the specific requirement (standards).
3.8	Industrial waste water generated from CHP, workshop and other waste water, shall be properly collected and treated so as to conform to the standards prescribed under the standards prescribed under Water Act 1974 and Environment (Protection) Act, 1986 and the Rules there under, and as amended from time to time. Adequate ETP /STP needs to be provided.

S. No	EC Conditions
3.9	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.
3.10	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations, considering the presence of river/rivulet/pond/lake etc, shall be prepared and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the approved Mining Plan/EIA/EMP report and with due approval of the concerned State/Govt Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved Mining Plan and as per the permission of DGMS or any other authority as prescribed by the law.
3.11	The project proponent shall take all precautionary measures to ensure riverine/riparian ecosystem in and around the coal mine up to a distance of 5 km. A riverine/riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government.

4. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
4.1	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
4.2	Controlled blasting techniques shall be practiced in order to mitigate ground vibrations, fly rocks, noise and air blast etc., as per the guidelines prescribed by the DGMS.
4.3	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

5. Mining Plan

S. No	EC Conditions
5.1	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
5.2	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).
5.3	No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act 1980.
5.4	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency

S. No	EC Conditions
	improvements and use of renewable energy.

6. Land Reclamation

S. No	EC Conditions
6.1	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change(MOEFC) from time to time shall be submitted to MOEFCC/Regional Office (RO).
6.2	The final mine void depth should preferably be as per the approved Mine Closure Plan, and in case it exceeds 40 m, adequate engineering interventions shall be provided for sustenance of aquatic life therein. The remaining area shall be backfilled and covered with thick and alive top soil. Post-mining land be rendered usable for agricultural/forestry purposes and shall be diverted. Further action will be treated as specified in the guidelines for Preparation of Mine Closure Plan issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.
6.3	The entire excavated area, backfilling, external OB dumping (including top soil) and afforestation plan shall be in conformity with the "during mining"/"post mining" land-use pattern, which is an integral part of the approved Mining Plan and the EIA/EMP submitted to this Ministry. Progressive compliance status vis-a-vis the post mining land use pattern shall be submitted to the MOEFCC/RO.
6.4	Further, it may be ensured that as per the time schedule specified in mine closure plan it should remain live till the point of utilization. The topsoil shall temporarily be stored at earmarked site(s) only and shall not be kept unutilized. The top soil shall be used for land reclamation and plantation purposes. Active OB dumps shall be stabilised with native grass species to prevent erosion and surface run off. The other overburden dumps shall be vegetated with native flora species. The excavated area shall be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change/ Regional Office.
6.5	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.

7. Green Belt

S. No	EC Conditions
7.1	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered/endemic flora/fauna, if any, spotted/reported in the study area. The Action plan in this regard, if any, shall be prepared and implemented in consultation with the State Forest and Wildlife Department.
7.2	Greenbelt consisting of 3-tier plantation of width not less than 7.5 m shall be developed all along the mine lease area as soon as possible. The green belt comprising a mix of native species (endemic

S. No	EC Conditions
	species should be given priority) shall be developed all along the major approach/ coal transportation roads. And Plantation should also be carried out in nearby area with consent of forest department and gram panchayat within 10 km radius with its proper maintenance

8. Public Hearing And Human Health Issues

S. No	EC Conditions
8.1	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & it's RO on six-monthly basis.
8.2	The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time.
8.3	Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.
8.4	Implementation of the action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the action plan submitted with budgetary provisions during the public hearing. Land outstices shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.
8.5	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-1A.11 (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.

9. Corporate Environment Responsibility

S. No	EC Conditions
9.1	The project proponent shall comply with the provisions contained in this Ministry's OM dated 30/09/2020, as applicable, regarding Corporate Environment Responsibility.
9.2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholder's/stake holders.
9.3	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the

S. No	EC Conditions
	organization.
9.4	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
9.5	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

10. Miscellaneous

S. No	EC Conditions
10.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
10.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
10.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
10.4	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
10.5	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
10.6	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-LA.II (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.
10.7	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
10.8	The project authorities shall inform to the Regional Office of the Ministry of Environment, Forest and Climate Change, Jharkhand, of the commencement of mining operations.

MAUN PRAKASH
I.E.S.
Divisional Forest Officer
West Division, Hazaribag

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AND ALL CHANDRAGUPT AREA

S. No	EC Conditions
10.9	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
10.10	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10.11	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change.
10.12	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
10.13	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
10.14	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
10.15	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
10.16	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

MAUN PRAKASH
Divisional Forest Officer
West Division, Hazaribag



IA/JH/CMIN/501930/2024

Divisional Forest Officer, Ministry of Environment, Forests and Climate Change,
India (Department of Environment and Forests)

PROJECT OFFICER
CHANDRAGUPTA OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPTA AREA, CCL

Signed by
Sunder Ramarathan
Date: 02-01-2025 10:28:36
Reason: Verified and
signed

Annexure-44

 Coal India Limited A Maharatna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 G20 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-44

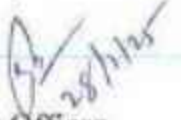
Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)



Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha) & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-22

Chandragupt OCP undertake that *"No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas"*.


 Project Officer
 Chandragupt Open Cast Project
 CCL


MAUN PRAKASH
 I.F.S.
 Divisional Forest Officer
 West Division, Hazaribagh

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p>CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	 <p>G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-45**Proposal No:** - FP/JH/MIN/140599/2021 dated 09.04.2021**Project Name:** Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha) & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).



Undertaking to Condition No-23

Chandragupt OCP undertake that *"The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates" within three months of obtaining forest land handover.*

Project Officer
Chandragupt Open Cast Project
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

Annexure-46

 Coal India Limited A Ratna Company www.coalindia.in	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-46

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).


Undertaking to Condition No-24

Chandragupt OCP undertake that *"The layout plan of the mining plan/ proposal shall not be changed without the prior approval of the Central Government and the forest land shall not be used for any purpose other than that specified in the proposal."*

Maun
MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Ghosia, Hazaribagh

26/1/25
Project Officer
Chandragupt Open Cast Project
CCL

PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 <p>Coal India Limited A Maharatna Company www.coalindia.co</p>	<p align="center">CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p align="center">G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-47

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)



Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division(400.96Ha), & Hazaribagh West Forest Division(298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-25

Chandragupt OCP undertake that *"The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government"*.

Pravin
MAUN PRAKASH
Divisional Forest Officer
West Division, Jharkhand

28/1/25
Project Officer
Chandragupt Open Cast Project
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA

 <p>Coal India Limited A Maharatna Company www.coalindia.in</p>	<p align="center">CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p align="center"><i>Annexure-48</i></p>  <p align="center">G20 भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-48

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)



Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha) & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No:26

Chandragupt OCP undertake that *"No damage to the flora and fauna of the adjoining area shall be caused"*.

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MAUN PRAKASH
IFS

26/1/25
Project Officer
Chandragupt Open Cast Project
PROJECT OFFICER, CCL
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 Coal India Limited A Maharatna Company www.coalindia.in	<p style="text-align: center;">CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p style="text-align: right;"><i>Annexure-49</i></p>  भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-49

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha) & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No-27



Chandragupt OCP undertake that *"Comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project".*

Yam
MAUN PRAKASH
 I.F.S.
 Divisional Forest Officer
 West Division, Hazaribagh

28/1/24
 Project Officer
 Chandragupt Open Cast Project
 CCL

PROJECT OFFICER
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL

Annexure 50

 Coal India Limited A Maharatna Company www.coalindia.co	CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA	 भारत 2023 INDIA
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-50

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division(400.96Ha), & Hazaribagh West Forest Division(298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha)..

Undertaking to Condition No:28

Chandragupt OCP undertake that *"submit the annual self-compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year regularly"*.

Maun
MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

28/1/25
Project Officer
Chandragupt Open Cast Project
PROJECT OFFICER CCL
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL

 Coal India Limited A Maharatna Company www.cilindia.in	<p style="text-align: center;">CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p style="text-align: center;">G20  भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-51

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)



Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division (400.96 Ha), & Hazaribagh West Forest Division (298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No:29

Chandragupt OCP undertake that *"Any other condition that the Ministry of Environment, Forests & Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife shall be carried with by the State Government and user agency"*.

Mam
MAUN PRAKASH
 I.F.S.
 Divisional Forest Officer
 West Division, Hazaribagh

25/1/25
 Project Officer
 Chandragupt Open Cast Project
 PROJECT OFFICE CCL
 CHANDRAGUPT OPEN CAST PROJECT
 AMRAPALI-CHANDRAGUPT AREA, CCL

 <p>Coal India Limited A Maharatna Company www.coalindia.co</p>	<p align="center">CENTRAL COALFIELDS LIMITED A Mini Ratna Company (A Subsidiary of Coal India Limited) OFFICE OF THE PROJECT OFFICER CHANDRAGUPT OCP VTC BHAWAN, HONHE AMRAPALI-CHANDRAGUPT AREA</p>	<p align="center"><i>Annexure-52</i></p>  <p align="center">भारत 2023 INDIA</p>
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Ref.No.GM(AC)/PO(Chandragupt)24-25/

Date:

Annexure-52

Proposal No: - FP/JH/MIN/140599/2021 dated 09.04.2021

Project Name: Chandragupt Open Cast Project (699.38 Ha)

Subject: Undertaking in respect of compliance in respect of proposal for seeking prior approval of the Central Government under Section 2(1)(ii) of the Van (Sanrakshan Evam Samvadhan) Adhiniyam, 1980 in favour of M/s Central Coalfields Limited for non-forestry use of 699.38 Ha of Forest Land for Chandragupt Open Cast Coal Mining Project in Chatra South Forest Division(400.96Ha)& Hazaribagh West Forest Division(298.42 Ha) in Chatra District and Hazaribagh District of Jharkhand against the Chandragupt Open Cast Project (699.38 Ha).

Undertaking to Condition No:30

Chandragupt OCP undertake that *"Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by this Ministry's letter No. 5-2/2017-FC dated 28.03.2019"*.

man
MAUN PRAKASH
I.F.S.
Divisional Forest Officer
West Division, Hazaribagh

28/1/25
Project Officer
Chandragupt Open Cast Project
CCL
PROJECT OFFICER
CHANDRAGUPT OPEN CAST PROJECT
AMRAPALI-CHANDRAGUPT AREA, CCL