



वेस्टर्न कोलफील्ड्स लिमिटेड /Western Coalfields Limited

मिनिरल कंपनी (A Miniratna Company)

कोल इंडिया लिमिटेड की अनूपंगी कंपनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626



ITW TWSA
NEW DELHI 2024

क्षेत्रीय महाप्रबंधक का कार्यालय, चंद्रपुर क्षेत्र
योजना विभाग

पता: वे.को.लि., चंद्रपुर क्षेत्र, पो: बाबुपेठ,

जिला: चंद्रपुर, महाराष्ट्र, पिन-442403

Email: gmwclcha@gmail.com

Office of Area General Manager, Chandrapur Area
PLANNING DEPARTMENT

Address: WCL, Chandrapur Area, PO: Babupeth,

Dist: Chandrapur, MS, PIN:442403

Fax:07172-255287, Phone: 07172-253322-25

संदर्भ: वेकोलि/चक्षे/क्षेमप्र/यो/प/91

दिनांक.: 04. 07.2025

प्रती

The Divisional Forest Officer

Chandrapur Forest Division

Chandrapur

Sub: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project by M/s WCL in compartment No 400 and 401 of Chandrapur Forest Division, Chandrapur District of Maharashtra State.
(Online No. FP/MH/MIN/6704/2014) - regarding.

संदर्भ: 1. 8-123/2003-FCVol. - I/109269/2025 dated : 06-05-2025 by Assistant Inspector General of Forests, MoEF & CC, New Delhi
2. DFO Demand vide letter no. Desk-14/Survey/Land/683 dated 12.06.2025

Dear Sir,

With reference to the above-mentioned Letter No. 1, the Ministry of Environment, Forests and Climate Change (MoEF&CC) has granted Stage-I (in-principle) approval for the diversion of 80.77 hectares of forest land for the Durgapur Opencast Project in favour of Western Coalfields Limited (WCL), District Chandrapur, Maharashtra. WCL has deposited the compensatory levies as per the demand letter cited above. Point-wise Compliance Report, Payment Details and Other relevant documents enclosed herewith in 06 sets.

It is therefore requested to kindly forward the compliance report to the Government of India for obtaining Stage II Final Approval as early as possible.

Thanking you.

Encl: as above

Yours faithfully,

4/07/25
आवक / जाबक लिपीक
कार्यालय
विभागीय वन अधिकारी
चंद्रपुर वन विभाग, चंद्रपुर

Sub Area Manager / Project Proponent
Durgapur Sub Area,
Chandrapur Area

Copy to:-

1. The Nodal Officer / APCCF, Nagpur, Van Bhavan, Nagpur, M.S
2. Deputy Director General of Forest (Central), MoEF & CC, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur - 440001
3. The Chief Conservator of Forest, Chandrapur Circle, Chandrapur
4. Area General Manager, Chandrapur Area
5. General Manager (Forests), WCL, Nagpur
6. General Manager (L&R), WCL, Nagpur
7. General Manager (Environment), WCL, Nagpur

4/07/25
आवक लिपीक
मुख्य वनसंरक्षक चंद्रपुर वनवृत्त
याचे कार्यालय

**COMPLIANCE REPORT AGAINST DIVERSION OF 80.77 HA RESEFOREST LAND
FOR DURGAPUR OPENCAST PROJECT
IN THE DISTRICT CHANDRAPUR, MAHARASHTRA STATE**

**MoEF &CC Stage I Letter No.
8-123/2003-FCVol. - I/109269/2025 dated 06th May 2025**

Sr. No.	Conditions	Compliance
i.	Legal status of the diverted forest land shall remain unchanged;	Agreed. An undertaking has been enclosed with this compliance report Page No.1
ii.	The State Government shall ensure that approval of SCNBWL is taken before handing over the forest to the user agency in matter, as applicable	Agreed. A wildlife Clearance Proposal for recommendation National Board of Wildlife for diversion 80.77 Ha forest land was already in place. State Board of Wildlife, Maharashtra State has already recommended the proposal during the SBWL Meeting held on 12.08.2024. Details of the recommendation is enclosed for reference as Page No.3 to 5 . An undertaking has been enclosed with this compliance report Page No.2
iii.	Safety zone with effective green belt shall be maintained by the User Agency along the inner boundary of the mine;	Agreed. As per consolidated guideline no. 7.9(i) of MoEF & CC, 7.5-meter wide peripheral safety zone is being maintained all along the inner boundary within the Mining Lease Area of Durgapur OC Project. An Undertaking is herewith enclosed against the same as Page No.6 .
iv.a	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	Complied. WCL had already deposited Rs.6,26,77,520/- against NPV of 80.77 Ha Forest Land during the earlier diversion. Hence, as per demand from the Divisional Forest Officer, Chandrapur Forest Division the difference of NPV amount as per the prevailing rate for the amount of Rs. 1,46,82,371/- has been deposited to the account of CAMPA vide RTGS Payment Unique Transaction Reference (UTR) No.SBINR12025062890393261 dated 28 th June 2025. E-Challan generated through MoEF Portal, Bank Statement showing the present transaction details and payment of NPV details during previous diversion is attached herewith as Page No. 7 to 15 .

iv.b	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 Hons'ble Supreme Court of India;	Agreed. An undertaking has been enclosed for the same Page No.16
v.	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;	Rs.1,46,82,371/- (Rupees One Crore Forty-Six Lakh Eighty-Two Thousand Three Hundred and Seventy-One only) had been deposited against the demand raised by the Divisional Forest Officer, Chandrapur Forest Division. All the funds have been deposited to CAMPA account through challan generated through e-portal (https://parivesh.nic.in/). Copy of the challan and payment details enclosed in Page No. 7 to 10.
vi.	The State Government shall upload the KML files of the area under diversion in the E-green watch portal of FSI, before handing over forest land to the user agency;	KML file of 80.77 Ha forest land was already submitted to the State Forest Department during the process of FC Proposal. State Forest Department requested to upload the KML file in E-Green Watch Portal.
vii.	The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required;	Complied. Copy of Environment Clearance enclosed as Page No.17 to 25.
viii.	The User Agency shall undertake mining in a phased manner after taking due care for reclamation of the mined-out area. The User Agency shall prepare a detailed plan for life of project as per mining plan, clearly linking the progress of mining and felling of the trees. Felling of trees shall be done, when it is absolutely necessary in phase-wise manner in the areas which become due for mining as per mining plan. 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, Van (Sanrakshan Evam Samvardhan) Adhiniyam, 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 Chief Conservator of Forests (Central) may	Mining in Phased Manner: As per the approved Project Report of February 2017, Initial working of Durgapur OC Project is proposed at the Sector V. The operation of the future mining of Durgapur Opencast Project is planned at all five Sectors stretched from South to North viz., Sector I-C, II, III, IV & V. Mining is phased out year-wise, cut wise and sector wise in the approved project report of Durgapur Extn. Deep OC Project. As per the calendar programme outlined in the project report, mining activities on the proposed 80.77 ha forest land area are scheduled to commence from the 4th year onwards and will continue until the closure of the mine. After exhaustion of Sector-V in 11th year, Sector-IV and Sector- IC, II & III will be worked simultaneously to produce 3.0 Mty upto 17th year of mine life. However, presently working is going on in Sector-V under approved scheme in which backfilling is being done in area

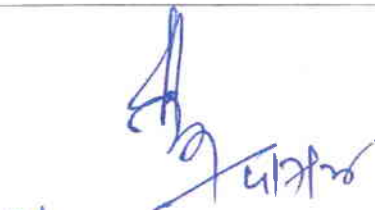
ix.	The user agency shall prepare a schedule for surrender of the mined out and reclaimed forest land in accordance with existing mining plan and submit the same along with an undertaking to surrender the mined out and reclaimed forest land as per such schedule to the MoEF & CC before grant of 'Final' approval under the Adhiniyam for diversion of the said forest land;	Land Surrender Schedule in accordance with mining plan and an Undertaking has been enclosed as Page No.35 to 37
x.	The rehabilitated forest area after closure of mining operations shall be handed over to the State Forest Department for sustainable forest management in the future;	Agreed. An Undertaking has been enclosed for the same as Page No.38
xi.	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:	
a.	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 inscribed with DGPS coordinates with barbed wire fencing and deploying adequate number of watchers under the supervision of the State Forest Department;	Agreed. An Undertaking has been enclosed as Page No.39
b.	Boundary of the safety zone of the mining lease, adjacent to habitation/roads, should be properly fenced by the user agency;	Agreed. An Undertaking has been enclosed as Page No.40
c.	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; and	Agreed. An Undertaking has been enclosed as Page No.41
d.	The State Government and the user agency shall ensure that safety zone is maintained as per the prescribed norms.	Agreed. An Undertaking has been enclosed as Page No.42
xii.	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:	
a.	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 'Final' approval in accordance with the approved Plan/Scheme in consultation with the State Forest Department;	An undertaking and a Plan to minimize soil erosion & choking of streams is enclosed as Page No.43 to 47
b.	Planting of adequate drought hardy plant species and sowing of seeds, in the	An undertaking and a Plan for plantation of adequate drought hardy plant species

	appropriate area within the mining lease to arrest soil erosion in accordance with the approved Plan/scheme;	and sowing of seeds is enclosed as Page No.48 to 51
c.	Construction of check dams, retention /toe walls to arrest sliding down of the excavated material along the contour in accordance with the approved Plan/Scheme;	An undertaking and a Plan for construction of check dams, retention / toe walls to is enclosed as Page No. 52 to 55
d.	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°; and	An undertaking and a Plan to stabilize the overburden dumps by appropriate grading / benching is enclosed as Page No. 56 to 60 A detailed Slope Stability Study had been conducted by the IIT-Kharagpur for this project. Recommendations given in the study is being followed at ground level. Copy of the Recommendation of Slope Stability Study Report enclosed as Page No. 61 to 66
e.	No damage shall be caused to the top-soil and the user agency will follow the top soil management plan.	An undertaking and a Top Soil Management Plan is enclosed as Page No. 67 to 70
xiii.	The validity of approval granted under the Adhiniyam shall be for a period co-terminus with the validity of the mining lease proposed to be granted under the Mines and Minerals (Development and Regulation) Act, 1957, as amended from time to time or Rules framed there under, or for such period as may be specified by the Central Government;	The subject forest land 80.77 Ha was acquired vide CBA (A&D) Act 1957 with All Rights vide S.O. No.450E dated 04 th August 1979. Hence, mining lease from the State Government may not applicable. It can be seen vide the clarification issued by the Ministry of Coal vide letter F.No.43015/28/2017-LAIR (Vol.II) dated 11th December 2019, QUOTE "Since the subject land was acquired under the CBA (A&D) Act, 1957 and vests absolutely in the Government Company, neither the execution of mining lease with the State Government is required as per statute nor there is any necessity as it was not along with the Mineral Concessions Rules, 1960 does not apply over the land / rights acquired under CBA (AD) Act 1957." UNQUOTE Copy of the letter from Ministry of Coal is enclosed as Page No. 71 to 72
xiv.	The User Agency either himself or through the State Forest Department shall undertake gap planting and soil and moisture conservation activities to restock and rejuvenate the degraded open forests	Agreed. It is to inform that, NO suitable degraded open forest land is available within 100-meter outer perimeter of the mining lease as contemplated in this condition. However, an Undertaking has

	(having crown density less than 0.40), if any, located within the periphery of 100 m from outer perimeter of the mining lease as per approved plan for plantation and SMC activities submitted along with compliance of 'in-principle' approval;	been enclosed as Page No.73
xv.	The User Agency shall regularly undertake desilting of village tanks and other water bodies, located within five km from the mine lease boundary, as per approved plan, to mitigate the impact of project on such tanks/water bodies;	Agreed. An Undertaking has been enclosed as Page No. 74 Also, a Desilting plan prepared as per the approved EMP. A Detailed Plan and a geo-tagged map showing village tanks and waterbodies within 5 km radius of the Durgapur Opencast Project with GPS Coordinates are enclosed as Page No. 75 to 77
xvi.	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;	Agreed. An Undertaking has been enclosed as Page No. 78
xvii.	Adequate care shall be taken to check any rolling of overburden/dumps beyond the designated area and to check soil erosion caused due to mining activities;	Agreed. Overburden will be stored in designated locations within permissible height as per the approved Project Report / Mining Plan. Garland Drains and Trenches are provided along the toe of the dumps to arrest any flow of silt and soil beyond the designated. An undertaking is enclosed for the same as Page No. 79
xviii.	The User agency will undertake comprehensive soil conservation measures at the project cost in consultation with the State Forest Department. A scheme of the same shall be submitted to the Regional Office along with the 'in-principle' approval;	Agreed. An undertaking and a scheme for soil conservation measures is enclosed as Page No. 80 and 80a-80d
xix.	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 project is not involved with R&R of any villages at present. However, an undertaking against the same is enclosed as Page No. 81
xx.	The user agency shall explore the possibility of translocation of maximum number of trees identified to be felled;	Agreed. An undertaking against the same is enclosed as Page No. 82

xxi.	The cost of felling of trees shall be deposited by the User Agency with the State Forest Department;	Agreed. As the cost of tree felling is revised annually, it is requested that the payment be made to the Divisional Forest Officer after obtaining Stage II clearance and prior to the handover of the 80.77 hectares of forest land. An undertaking against the same is enclosed as Page No. 83
xxii.	The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required;	Complied. Copy of Environment Clearance enclosed as Page No.17 to 25
xxiii.	No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;	Agreed. An Undertaking is enclosed for the same as Page No. 84
xxiv.	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. The proposed forest land 80.77 Ha is located in the middle of mining area. Currently, demarcation is available at the ground level. Demarcation of Mine Lease Area and Safety Zone Area of the project was already carried out by WCL. An Undertaking for the same is enclosed as Page No. 85
xxv.	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;	Layout Plan of the mining plan / proposal will not be changed without prior approval of the Central Government. It is submitted that the Forest Land will not be used for any other purpose other than that specified in the proposal. An Undertaking for the same is enclosed as Page No. 86
xxvi.	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 is enclosed for same as Page No. 87
xxvii.	No damage to the flora and fauna of the adjoining area shall be caused;	Agreed. An undertaking is enclosed for same as Page No. 88
xxviii.	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 this project, if any, for the time being in force, as applicable to the project;	Agreed. An undertaking is enclosed for same as Page No. 89
xxix.	The User Agency shall submit the annual self - compliance report in respect of the above stated conditions to the State Government, concerned Regional Office	Agreed. Once the forest land is handed over for mining purpose, WCL will submit Annual Self-Compliance Report

	and to this Ministry by the end of March every year regularly;	by the end of March every year regularly. An undertaking is enclosed for same as Page No. 90
xxx.	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;	Agreed. An undertaking is enclosed for same as Page No. 91
xxxi.	Violation of any of these conditions will amount to violation of Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 and action would be taken as prescribed in para 1.16 of consolidated guidelines and clarifications issued under Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 as issued by this Ministry on dated 29.12.2023;	Agreed. An undertaking is enclosed for same as Page No. 92
xxxii	The compliance report shall be uploaded on e-portal (https://parivesh.nic.in/).	Agreed.



(Harish K Gawali)
Sub Area Manager / Project Proponent
Durgapur Sub Area

Place: Chandrapur
Date: 04/07/25


(B.C. Yele)
Divisional Forest Officer (Addl.)
Chandrapur Division Chandrapur



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited

मिनिरातन कंपनी (A Miniratna Company)

कोल इंडिया लिमिटेड की अनुषंगी कंपनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GO1018626



ITUWTSA
NEW DELHI 2024

क्षेत्रीय महाप्रबंधक का कार्यालय, चंद्रपुर क्षेत्र

योजना विभाग

पता: वे.को.लि., चंद्रपुर क्षेत्र, पो: बाबुपेठ,

जिला: चंद्रपुर, महाराष्ट्र, पिन-442403

Email: gmwclcha@gmail.com

Office of Area General Manager, Chandrapur Area
PLANNING DEPARTMENT

Address: WCL, Chandrapur Area, PO: Babupeth,

Dist: Chandrapur, MS, PIN:442403

Fax:07172-255287, Phone: 07172-253322-25

संदर्भ: वेकोलि/चक्षो/क्षेमप्र/यो/प/ 158

दिनांक: 28.08.2025

प्रती

Deputy Director General of Forest (Central),

MoEF & CC, Regional Office (WCZ),

Ground Floor, East Wing,

New Secretariat Building,

Civil Lines, Nagpur - 440001

Sub: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project by M/s WCL in compartment No 400 and 401 of Chandrapur Forest Division, Chandrapur District of Maharashtra State.

(Online No. FP/MH/MIN/6704/2014) -regarding.

संदर्भ: 1. 8-123/2003-FCVol. - I/109269/2025 dated: 06-05-2025 by Assistant Inspector General of Forests, MoEF & CC, New Delhi

2. Stage I Compliance Report from the Divisional Forest Officer, Chandrapur Forest Division vide letter no. Desk-14/Survey/Land/745 dated 20.08.2025

Dear Sir,

With reference to the above-mentioned Letter No. 1, the Ministry of Environment, Forests and Climate Change (MoEF&CC) has granted Stage-I (in-principle) approval for the Renewal of Forest Clearance of 80.77.Ha forest land for the Durgapur Opencast Project in favour of Western Coalfields Limited (WCL), District Chandrapur, Maharashtra. The Divisional Forest Officer has forwarded the Compliance Report to the Chief Conservator of Forests, Chandrapur Circle vide above referred letter no.2. As per the Condition No.xviii of the Stage I (in-principle) approval, a Comprehensive Soil Conservation Measures at the project cost is to be undertaken by the User

आवक / जावक लिपोक
कार्यालय

विभागीय वन अधिकारी

वन विभाग, चंद्रपुर

28/8/2025

आवक लिपोक
मुख्य वनसंरक्षक चंद्रपुर वनविभाग
यंत्रिकालय 28/8/2025

Agency and it is to be submitted to the Regional Officer along with the 'in-principle' approval. The condition no. xviii of the Stage I in-principle approval as follows:

Quote

The User agency will undertake comprehensive soil conservation measures at the project cost in consultation with the State Forest Department. A scheme of the same shall be submitted to the Regional Office along with the 'in-principle' approval;

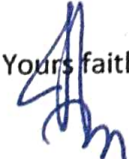
Unquote

Accordingly, a Comprehensive Soil Conservation Measures plan has been prepared with the consultation of the State Forest Department. The said report along with the Stage I in-principle approval is submitted herewith to your good office as per the Condition No. xviii.

Thanking you.

Encl: as above

Yours faithfully,


28/08/2025
Sub Area Manager / Project Proponent
Durgapur Sub Area,
Chandrapur Area

Copy to:-

1. The Nodal Officer / APCCF, Nagpur, Van Bhavan, Nagpur, M.S
2. The Chief Conservator of Forest, Chandrapur Circle, Chandrapur
3. Divisional Forest Officer, Chandrapur Forest Division, Chandrapur
4. Area General Manager, Chandrapur Area
5. General Manager (Forests), WCL, Nagpur
6. General Manager (L&R), WCL, Nagpur
7. General Manager (Environment), WCL, Nagpur



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मिनिरातना कंपनी (A Miniratna Company)

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CIN-U10100MH1975GOI018626



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NEW DELHI 2024

क्षेत्रीय महाप्रबंधक का कार्यालय, चंद्रपुर क्षेत्र

योजना विभाग

पता:वे.को.लि.,चंद्रपुर क्षेत्र, पो:बाबुपेठ,

जिला: चंद्रपुर, महाराष्ट्र, पिन-442403

Email: gmwclcha@gmail.com

Office of Area General Manager, Chandrapur Area

PLANNING DEPARTMENT

Address: WCL, Chandrapur Area, PO: Babupeth,

Dist: Chandrapur, MS, PIN:442403

Fax:07172-255287, Phone: 07172-253322-25

संदर्भ: वेकोलि/चक्षे/क्षेमप्र/यो/प/ 145

दिनांक.: 19. 08.2025

प्रती

The Divisional Forest Officer

Chandrapur Forest Division

Chandrapur

Sub: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project by M/s WCL in compartment No 400 and 401 of Chandrapur Forest Division, Chandrapur District of Maharashtra State- Correction of in Compliance against Stage I Condition Nos.xiv & xv (Gap Plantation & De-silting of village tanks/water bodies within 5 km radius) - (Online No. FP/MH/MIN/6704/2014) - regarding.

- संदर्भ: 1. 8-123/2003-FCVol. - I/109269/2025 dated: 06-05-2025 by Assistant Inspector General of Forests, MoEF & CC, New Delhi
2. Stage I Comp-Compliance Report from WCL vide letter no. WCL/CHA/AGM/PLG/Rev/91 dated 04.07.2025

Dear Sir,

With reference to the above referred Letter No. 1, the Ministry of Environment, Forests and Climate Change (MoEF&CC) has granted Stage-I (in-principle) approval for the diversion of 80.77 Ha. of forest land for the Durgapur Opencast Project in favour of Western Coalfields Limited (WCL), District Chandrapur, Maharashtra. WCL has submitted point-wise compliance report vide above referred letter no.2. Now, we herewith submit a corrected

आवक/जावक लिपिक
कार्यालय 20/8/2025
विभागीय वन अधिकारी
चंद्रपुर वन विभाग, चंद्रपुर


आवक/लिपिक
मुख्य वनसंरक्षक चंद्रपुर वनखुला
योचे कार्यालय
20/8/25

undertaking against Condition No.xiv – Gap Plantation and corrected plan against Condition No.xv - for de-silting of village tanks / water bodies within 5 km radius as per the discussion with your good office on dated 19.08.2025.

Thanking you.

Encl: as above

Yours faithfully,


19/08/25
Sub Area Manager / Project Proponent
Durgapur Sub Area
Chandrapur Area

Copy to:-

1. The Nodal Officer / APCCF, Nagpur, Van Bhavan, Nagpur, M.S
2. Deputy Director General of Forest (Central), MoEF & CC, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur - 440001
- ✓ 3. The Chief Conservator of Forest, Chandrapur Circle, Chandrapur
4. Area General Manager, Chandrapur Area
5. General Manager (Forests), WCL, Nagpur
6. General Manager (Environment), WCL, Nagpur
7. General Manager (L&R), WCL, Nagpur

**STAGE I COMPLIANCE REPORT
FOR RENEWAL OF FOREST CLEARANCE OF 80.77 HA FOREST LAND
AGAINST MOEF & CC LETTER DATED 06.05.2025**

**FOR DURGAPUR OPENCAST PROJECT
WESTERN COALFIELDS LIMITED, CHANDRAPUR AREA**

List of Annexure

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वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited

मिनिरत्न कम्पनी

(A Miniratna Company)

कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GO1018626

क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र

पता: वे.को.लि., चन्द्रपुर क्षेत्र, पो.बाबुपेठ, जिला: चन्द्रपुर,

महाराष्ट्र, पिन: 442304

Email: agmchandrapur.wcl@coalindia.in

Office of Area General Manager, Chandrapur Area

Address: WCL, Chandrapur Area, PO: Babupeth,

Dist: Chandrapur, MS, PIN:442304

Fax:07172-255287, Phone: 07172-253322-25



Condition No: i

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project by M/s WCL in compartment No 400 and 401 of Chandrapur Forest Division, Chandrapur District of Maharashtra State

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVol. - I/109269/2025

UNDERTAKING

(Regarding Legal status of the diverted forest land)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *the Legal status of the diverted forest land will remain unchanged* for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.


(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/2025

Place : Chandrapur



वेस्टर्नकोलफील्ड्सलिमिटेड / Western Coalfields Limited

मिनिरत्नकम्पनी (A Miniratna Company)

कोलइंडियालिमिटेडकीअनुषंगीकम्पनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626



उपक्षेत्रीय प्रबंधक कार्यालय, दुर्गापुर उपक्षेत्र
पता: वे.को.लि., चन्द्रपुर क्षेत्र, पो: दुर्गापुर, जिला: चन्द्रपुर,
महाराष्ट्र, पिन: 442404

Office of Sub Area Manager, Durgapur Sub Area
Address: WCL, Chandrapur Area, PO: Durgapur,
Dist: Chandrapur, MS, PIN:442404

RefNo : WCL/CHA/SAM/DOCSA/ 1850

दिनांक : 29/07/2025

प्रती

The Divisional Forest Officer
Chandrapur Forest Division
Chandrapur.

Sub: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project by M/s WCL in compartment No 400 and 401 of Chandrapur Forest Division, Chandrapur District of Maharashtra State- Compliance against Stage I Condition No.2 Submission of SCNBWL Final Approval Letter - (Online No. FP/MH/MIN/6704/2014) - regarding.

- संदर्भ: 1. 8-123/2003-FCVol. - I/109269/2025 dated: 06-05-2025 by Assistant Inspector General of Forests, MoEF & CC, New Delhi.
2. Stage I Comp-Compliance Report from WCL vide letter no. WCL/CHA/AGM/PLG/REV/91 dated 04.07.2025.
3. SCNBWL Wildlife Clearance vide Green Clearance No. GCN13709385-15032024 dated 23.07.2025 from MoEF&CC, (Wild Life Division), New Delhi.
4. Minutes of Meeting vide Letter F.No.WL-6/51/2025-WL dated 09.07.2025 from MoEF&CC, New Delhi.

Dear Sir,

With reference to the above-mentioned Letter No. 1, the Ministry of Environment, Forests and Climate Change (MoEF&CC) has granted Stage-I (in-principle) approval for the diversion of 80.77 Ha. of forest land for the Durgapur Opencast Project in favour of Western Coalfields Limited (WCL), District Chandrapur, Maharashtra. A specific condition to obtain approval of SCNBWL is imposed vide Condition no.2 of the said in-principle approval. User Agency i.e., WCL has submitted an undertaking against this condition vide Stage I Compliance Report vide reference letter no.2 give above. Now the Standing Committee of the National Board for Wildlife has recommended 80.77 Ha forest land in its 84th meeting held on 26.06.2025. The same has been communicated vide above referred letter no. 3 and minutes of the meeting enclosed as reference letter no.4.

We herewith submit the copy of letter dated 23.07.2025 from MoEF&CC, (Wild Life Division), New Delhi as compliance against condition no.2 of Stage I Forest Clearance of 80.77 Ha

आवक/जावक लिपीक
कार्यालय
विभागीय वन अधिकारी
चंद्रपुर वन विभाग, चंद्रपुर


29/07/25
आवक लिपीक
मुख्य वनसंरक्षक चंद्रपुर वनवृत्त
यांचे कार्यालय

Forest Land. We earnestly request you to include the same in your compliance report and kindly forward the compliance report to the Government of India for obtaining Stage II Final Approval as early as possible.

Thanking you.

Encl: as above

Yours faithfully,


*Sub Area Manager / Project Proponent
Durgapur Sub Area
Chandrapur Area.

Copy to:-

1. The Nodal Officer / APCCF, Nagpur, Van Bhavan, Nagpur, M.S
2. Deputy Director General of Forest (Central), MoEF & CC, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur - 440001
3. The Chief Conservator of Forest, Chandrapur Circle, Chandrapur
4. Area General Manager, Chandrapur Area
5. General Manager (Forests), WCL, Nagpur
6. General Manager (L&R), WCL, Nagpur
7. General Manager (Environment), WCL, Nagpur



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



2nd Floor, Vayu Wing,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi 110003

Date: 23 July, 2025

To,

The Additional Chief Secretary,
Government of MAHARASHTRA,
Revenue & Forest Department,
4h Floor, Mantralaya,
Mumbai-400032.



Sub: Proposal for use of 80.77 ha forest land for Durgapur Opencast Project Mine in favour of M/s Western Coalfields Limited in District Chandrapur within tiger corridor connecting Tadoba Andhari Tiger Reserve- Kanhargoan Wildlife Sanctuary- Tipeswar Wildlife Sanctuary in Chandrapur District, Maharashtra. regarding-WL/MH/MIN/QRY/463196/2024

Sir,

Reference is invited to the following proposal:

i) Proposal No.	WL/MH/MIN/QRY/463196/2024
ii) Name of the Project	DURGAPUR OPENCAST PROJECT
iii) Category of the project	Mining / Quarrying
iv) Name of User Agency	Western Coalfields Ltd
v) Location of Project (District,State)	400, RESERVED FOREST, Chandrapur, Chandrapur, MAHARASHTRA

1. The above proposal was considered in the 84th meeting of the Standing Committee of the National Board for Wild Life held on 26 June, 2025. under the Chairmanship of Hon'ble Minister for Environment, Forest & Climate Change.

2. After discussions, the Standing Committee of the National Board for Wildlife decided to recommend/approve the proposal subject to the following conditions:

After discussions, the Standing Committee decided that the NTCA shall issue clarification that henceforth only the least cost pathways identified by them should be treated as tiger corridors for the purposes of section 38-O(1)(g) of the Wild Life (Protection) Act, 1972. The Standing Committee decided to approve the proposal with the following conditions:

Green Clearance No..GCN13709385-15032024

**वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited**

मिनिरतन कम्पनी

(A Miniratna Company)

कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626

क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र

पता: वे.को.लि., चन्द्रपुर क्षेत्र, पो: बाबुपेठ, जिला: चन्द्रपुर,

महाराष्ट्र, पिन: 442304

Email: agmchandrapur.wcl@coalindia.in

Office of Area General Manager, Chandrapur Area

Address: WCL, Chandrapur Area, PO: Babupeth,

Dist: Chandrapur, MS, PIN: 442304

Fax: 07172-255287, Phone: 07172-253322-25

**Condition No: iii**

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding maintenance of safety zone with effective green belt)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *the safety zone along with the inner boundary area will be maintained with effective green belt* for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.

(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/7/25

Place : Chandrapur



भारतीय स्टेट बैंक
State Bank of India
With you - all the way

e-PayOrder Details

e-PayOrder Number AOX8561444
Debit Status Success
Scheduled Time 28-Jun-2025 [06:14 PM] IST

28-Jun-2025

MAHARASHTRA CAMPA

One Crore Forty Six Lakhs Eighty Two
Thousand Three Hundred and Seventy One only

1,46,82,371.00

00000011014449824

SFTPH2HUploader
Maker

"AOX8561444"

Shoba Rani
Authorizer 1

KAVITASHARMACHA
Authorizer 2

CMP00000001179577517

Counterfoil Description 11014449824

Transaction Type Fund Transfer

Debit Account Details

Account No	Branch	Amount
00000011014449824	00346	1,46,82,371.00

Credit Account Details

Beneficiary Name	Beneficiary A/C	Beneficiary IFSC Code	Amount	Credit Status	UTR No.
MAHARASHTRA CAMPA	150785867040774	UBIN0996335	1,46,82,371.00	Success	SBINR12025062890393261

28/6/25

Area Finance Manager
Chandrapur Area



Date : 29 Jun 2025
 Account Number : 00000011014449824
 Description : CA-SURABHI-PUB OTH-ALL-INR
 Name : WCL WARDHA VALLY AREA (PAN NO.AAACW1578L)
 Currency : INR
 Corporate Address : OFFICE OF THE CGM, MAHAKALI COLLIERY PO. BABUPETH
 CHANDRAPUR
 MAHARASTRA-442403
 Branch : CHANDRAPUR(00346)
 Rate of Interest (% p.a.) : 0.0%
 IFS Code : SBIN0000346
 Book Balance : 108375.66
 Available Balance : 108375.66
 Hold Value : 0.00
 MOD Balance : 42943287.21
 Uncleared Amount : 0.00
 Balance as on 28 Jun 2025 : 1,08,434.35

Account Statement from 28 Jun 2025 to 28 Jun 2025

Txn Date	Value Date	Description	Ref No./Cheque No.	Branch Code	Debit	Credit	Balance
28/06/2025	28/06/2025	BY TRANSFER-NEFT*UTIB0000048*AXISCN1004490258*WESTERN COALFIEL-	TRANSFER FROM 99509044300 /	4430		44,200.00	1,52,634.35
28/06/2025	28/06/2025	TO TRANSFER-INB NEFT UTR NO: SBIN125179257755-DHOPTALA OPENCAS MINE KAMGAR	NEFT INB: AOX8343835 TRANSFER TO 4697156044308 / DHOPTALA OPENCAS MINE KAMGAR	99922	7,000.00		1,45,634.35
28/06/2025	28/06/2025	TO TRANSFER-INB NEFT UTR NO: SBIN125179257757-COALMINES AUTHORITI	NEFT INB: AOX8343837 TRANSFER TO 3199302044302 / COALMINES AUTHORITI	99922	13,600.00		1,32,034.35
28/06/2025	28/06/2025	TO TRANSFER-INB NEFT UTR NO: SBIN125179255917-COALMINES AUTHORITI	NEFT INB: AOX8356494 TRANSFER TO 4698136044304 / COALMINES AUTHORITI	99922	1,05,500.00		26,534.35
28/06/2025	28/06/2025	TRANSFER CREDIT-SWEEP FROM 00004697159044305-	SWEEP FROM 44222868740 WCL WARDHA VALLY AREA /	99922		74,813.65	1,01,348.00
28/06/2025	28/06/2025	TO TRANSFER-INB NEFT UTR NO: SBIN125179257758-	NEFT INB: AOX8343635 TRANSFER TO 4697159044305 /	99922	91,348.00		10,000.00
28/06/2025	28/06/2025	TRANSFER CREDIT-SWEEP FROM 00004698141044307-	SWEEP FROM 44222868740 WCL WARDHA VALLY AREA /	99922		22,100.00	32,100.00
28/06/2025	28/06/2025	TO TRANSFER-INB NEFT UTR NO: SBIN125179258202-	NEFT INB: AOX8357097 TRANSFER TO 4698141044307 /	99922	22,100.00		10,000.00
28/06/2025	28/06/2025	TRANSFER CREDIT-SWEEP FROM 00004698149044309-	SWEEP FROM 44222868740 WCL WARDHA VALLY AREA /	99922		90,100.00	1,00,100.00

29/06/25 Finance Manager
 Chandrapur Area

Txn Date	Value Date	Description	Ref No./Cheque No.	Branch Code	Debit	Credit	Balance
28/06/2025	28/06/2025	TO TRANSFER-CMP WESTERN COALFIELDS LTD-	CMP000000011790851 05AOX8462401 TRANSFER TO 10866164164 BPUR COL EMP COOP SOC /	99922	1,000.00		10,000.00
28/06/2025	28/06/2025	TRANSFER CREDIT-SWEEP FROM 00004599110044305-	SWEEP FROM 44222868740 WCL WARDHA VALLY AREA /	99922		1,46,82,371.00	1,46,92,371.00
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393261-	RTGS INB: AOX8561444 TRANSFER TO 4599110044305 /	99922	1,46,82,371.00		10,000.00
28/06/2025	28/06/2025	TRANSFER CREDIT-SWEEP FROM 00004599111044305-	SWEEP FROM 44222868740 WCL WARDHA VALLY AREA /	99922		3,15,52,999.85	3,15,62,999.85
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393262-	RTGS INB: AOX8561442 TRANSFER TO 4599111044305 /	99922	44,29,189.95		2,71,33,809.90
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393309- LIC OF INDIA CHANDRAPUR 975 A C I	RTGS INB: AOX8356301 TRANSFER TO 4599111044305 / LIC OF INDIA CHANDRAPUR 975 A C I	99922	26,38,955.74		2,44,94,854.16
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393310- LIC OF INDIA CHANDRAPUR 975 A C I	RTGS INB: AOX8356302 TRANSFER TO 4599112044304 / LIC OF INDIA CHANDRAPUR 975 A C I	99922	6,57,960.00		2,38,36,894.16
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393284- HINDUSTAN LALPETH COLLIERY	RTGS INB: AOX8343843 TRANSFER TO 4599112044304 / HINDUSTAN LALPETH COLLIERY	99922	13,37,250.00		2,24,99,644.16
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393285- NANDGAON INCLINE KAMGAR CREDIT CO O	RTGS INB: AOX8343845 TRANSFER TO 4599113044303 / NANDGAON INCLINE KAMGAR CREDIT CO O	99922	21,87,552.00		2,03,12,092.16
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393311- HLOC CO OP SOCIETY	RTGS INB: AOX8343846 TRANSFER TO 4599113044303 / HLOC CO OP SOCIETY	99922	10,35,556.00		1,92,76,536.16
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393287- LIFE INSURANCE CORPORATION OF INDIA	RTGS INB: AOX8462307 TRANSFER TO 4599112044304 / LIFE INSURANCE CORPORATION OF INDIA	99922	3,96,056.00		1,88,80,480.16
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393347- PADMAPUR OPENCAS KARMACHARI	RTGS INB: AOX8462308 TRANSFER TO 4599108044309 / PADMAPUR OPENCAS KARMACHARI	99922	8,09,800.00		1,80,70,680.16
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393328- MUKHYA MAHAPRABANDHAK KA CHA KSHETR	RTGS INB: AOX8356486 TRANSFER TO 4599109044308 / MUKHYA MAHAPRABANDHAK KA CHA KSHETR	99922	10,61,340.00		1,70,09,340.16
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393290- VEKOLI MAGASWARHIYA KAMGAR	RTGS INB: AOX8356487 TRANSFER TO 4599108044309 / VEKOLI MAGASWARHIYA KAMGAR	99922	2,04,900.00		1,68,04,440.16
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393294- COALMINES AUTHORITY	RTGS INB: AOX8462370 TRANSFER TO 4599112044304 / COALMINES AUTHORITY	99922	2,54,400.00		1,65,50,040.16
28/06/2025	28/06/2025	TO TRANSFER-INB RTGS UTR NO: SBINR12025062890393355- COALMINES AUTHORITY	RTGS INB: AOX8462371 TRANSFER TO 4599110044305 / COALMINES AUTHORITY	99922	2,10,078.00		1,63,39,962.16

Finance Manager
Chandrapur Area

AGENCY COPY



NEFT / RTGS CHALLAN for CAMPA Funds

Date : 26-06-2025

Agency Name.	Western Coalfields Ltd
Application No.	5867040774
MoEF/SG File No.	8-123/2003-FC VOL.
Location.	MAHARASHTRA
Address.	Area General Manager Chandrapur Area Chandrapur PO Babupeth ChandrapurChandrapur
Amount(in Rs)	14682371/-

Amount in Words: One Crore Forty-Six Lakh Eighty-Two Thousand Three Hundred and Seventy-One Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	MAHARASHTRA CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	150785867040774 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India FCS Centre, 21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY



NEFT / RTGS CHALLAN for CAMPA Funds

Date : 26-06-2025

Agency Name.	Western Coalfields Ltd
Application No.	5867040774
MoEF/SG File No.	8-123/2003-FC VOL.
Location.	MAHARASHTRA
Address:	Area General Manager Chandrapur Area Chandrapur PO Babupeth Chandrapur Chandrapur
Amount(in Rs)	14682371/-

Amount in Words: One Crore Forty-Six Lakh Eighty-Two Thousand Three Hundred and Seventy-One Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	MAHARASHTRA CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	150785867040774 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India FCS Centre, 21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

Note: After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: fcsblr@unionbankofindia.bank, epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

Print

Back

उपवनसंरक्षक, चंद्रपूर वनविभाग, चंद्रपूर याचे कार्यालय.

तात्काळ

विषय:- वनजमिन - चंद्रपूर.

स्त

त येईल.

दुर्गापूर ओपनकास्ट मायनिंग

क्षेत्र ८०.७७ हेक्टर.

क्रमांक:- कक्षा-५/सर्व्हे/जमिन/ ८००

चंद्रपूर, दिनांक :- ६.६.०८

प्रति,

मुख्य महाप्रबंधक,
चंद्रपूर परिक्षेत्र,
वेस्टर्न कोलफिल्ड लिमिटेड,
महाकाली कॉलरी जवळ,
चंद्रपूर.

संदर्भ:- १] मुख्य वनसंरक्षक व केंद्रस्था अधिकारी, महाराष्ट्र राज्य, नागपूर
पत्रा क्रमांक कक्षा-१७/नोसिल/प्र.क्र. १११२२/३२२/०४-०५
दिनांक २२/६/२००४.

२] आपले कार्यालयीन पत्रा क्रमांक सीजीएम/राजस्व/४०२२
दिनांक १/७/२००४.

...

उपरोक्त विषयांकित प्रकरणी संदर्भाय पत्राच्या अनुषंगाने दुर्गापूर ओपनकास्ट मायनिंग प्रोजेक्ट ला केंद्रशासनाचे पत्रा क्रमांक ८-१२३/२००३-सर्व्हे दिनांक २७/४/२००४ अन्वये वनजमिनीच्या प्रस्तावातील ८०.७७ हेक्टर वनक्षेत्रा वनेतर कामास वापर करण्याकरीता काही अटींना अधिपत राहून तत्त्वतः मान्य प्रदान केलेली आहे.


त्या अनुषंगाने अटीनुसार खालील नमूद केल्याप्रमाणे निधी धाना - व्दारे वनविभागास अदा करावा, हि विनंती.

त्याचा तपशिल खालील प्रमाणे.

१. पर्यायी वनीकरणाकरीता निधी	१६२.०० हे.रु ५४३२६/- प्रति हे.	✓ ८८००८१२/-
२. वनक्षेत्रातील १०४४ झाडे काढण्याकरीता लागणारा निधी	[प्रस्तावात नमूद असल्या प्रमाणे अदापत्राका नुसार]	४७५६६/-
३. सुरक्षा झोनच्या १.५ पट अवनत क्षेत्रावरील वनीकरणा ३.९४ किंवा ४.०० हेक्टर.	४.००xरु ५४३२६/- प्रति हेक्टर	✓ २१७३०४/-
४. वनाचे मालमत्ता मुल्य [नेट प्रेझेंट व्हॅल्यू]	८०.७७ हे. x रु. ७६ लाखा प्रति हेक्टर	✓ ६२६७७०००/- ६२६.७७५२०/-
	एकूण	७१७४२६८२/-

11/2/11


वरील प्रमाणे निधी ५१७४२६८२/- चा हया विभागास प्राप्त झाल्यानंतर अनुपालन अहवाल अंतिम मंजूरी हेतू केंद्रशासनास पाठविण्यात येईल. करिता सदरचा निधी शिघ्रता शिघ्र अदा करावा, हि विनंती.


उपवनसंरक्षक,
चंद्रपूर वनविभाग, चंद्रपूर.

प्रतिलिपी वनसंरक्षक व केंद्रस्था अधिकारी, महाराष्ट्र राज्य, नागपूर यांना माहितीस सविनय सादर.

प्रतिलिपी वनसंरक्षक, उत्तर चंद्रपूर वनवृत्त, चंद्रपूर यांना माहितीस सविनय सादर.

प्रतिलिपी महा प्रबंधक/ ओ. एस. डी. एस. अँड वेस्टर्न कोलफिन्ड लिमिटेड मुख्यालय सेमिनरी हिल्स, नागपूर यांना आवश्यक कार्यवाहीस सन्मेल अग्रेषित.


उपवनसंरक्षक,
चंद्रपूर वनविभाग, चंद्रपूर.

...

NOTING SHEET

Name of Officer :- Sk. H. A. Qureshi, Dy. Supdt. (Sur.) / CHA

**WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA
DURGAPUR O / C PROJECT**

Ref. :- WCL / CHA / CGM / PLG / REV / MoV-51

Date :- 10.07.2004

Subject :- Proposal for sanction of Rs. 7,17,43,202 /- against compensatory afforestation, felling of trees, cost of afforestation charges and net present value of forest land for acquisition of 80.77 Hects. Forest land (Safety Zone Area) at Durgapur Opencast Project, Chandrapur Area, WCL.

The Central Govt., Ministry of Environments and Forest Division (FC), New Delhi vide file No. 8 - 123 / 2003 - FC Dated 27.04.2004 has conveyed the conditional approval under section 2 of Forest Conservation Act, 1980 for diversion of 80.77 Hects. Forest land (Safety Zone Area) of Durgapur Opencast Project for mining purposes.

Simultaneously, Dy. Conservator of Forest, Chandrapur Division, Chandrapur has raised the demand vide letter No. Desk - 5 / Survey / Land / 900 Dated 06.07.2004 for fulfillment of the above conditions and deposition of Rs. 7,17,43,202 /-. After the deposition of this amount compliance report will be submitted to Central Govt. by the Forest Department for giving final approval by the Central Govt.

The details regarding deposition of amount through cheque to Dy. Conservator of Forest, Chandrapur Division, Chandrapur for which approval of competent authority is required, are as follows :-

Sr. No.	Particulars	Land in Hects.	Rate (Rs./Hects.)	Total Amount (In Rs.)
1.	Cost. of compensatory afforestation over degraded forest land double in extent of the forest land diverted under the proposal 80.77 Hects. X 2 = 161.54, Say, 162.00 Hects.	80.77 X 2 = 162.00	54,326 /-	88,00,812.00
2.	Transfer the cost of removal of 1044 trees from the diverted forest land	80.77	---	47,566.00
3.	The cost of afforestation charges over 1.5 time of Safety Zone Area i.e. 2.63 X 1.5 = 3.95, Say, 4.00 Hects.	4.00	54,326 /-	2,17,304.00
4.	The State Govt. shall charges the net present value of the forest land area diverted as per the guidelines issued by the Ministry of Central Govt. vide letter No. S - 1 / 1998 - FC (Pt - 2) Dated 18.09.2003 & 22.09.2003	80.77	7,76,000 /-	6,26,77,520.00
TOTAL :-				7,17,43,202.00

Contd.....(2)

2.63 Hects Safety zone Area

3.95 Hects

6.58 @ 54326/-

357465.00

(Net Present Value)

WESTERN COALFIELDS LIMITED
OFFICE OF THE CHIEF GENERAL MANAGER
CHANDRAPUR AREA PO & DISTT. CHANDRAPUR

REF.NO. WCL/CHA/CGM/PLG/REV/

7414

DATE 10.9.2004

13

To,

The Dy. Conservator of Forest
Chandrapur Division,
Chandrapur.

Sub.-: Diversion of 80.77 Hects. of forest land for Durgapur Opencast Project
Coal Mining Project (OCP) in Chandrapur District of Maharashtra.

Ref.-: 1) Govt. of India's conditional approval letter no. F.No.8-123/2003-FC
Dated 27th April 2004
2) Your office letter no. Desk-5/Sur/Land/900 dtd. 6.7.2004.

Dear Sir,

Govt. of India, MOEF New Delhi has conditionally approved the forest land proposal for 80.77 Hects. of forest land vide letter no. 8-123/2003-FC dated 27th April 2004 under section 2 of F.C. Act 1980 with certain conditions. On the basis of the above, a demand for Rs. 7,17,43,202/- has been received from your office vide your letter no. 900 dtd. 6.7.2004. (copy of demand attached for your ready reference)

Accordingly, we are enclosing herewith cheque no. 708964 dated 10.9.2004 for Rs. 7,17,43,202/- drawn on State Bank of India, Chandrapur. As the demand of Net Present value @ Rs. 7,76,000/- per Hects. is on Higher side. Due to we are depositing this amount UNDER PROTEST.

You are, therefore, requested to kindly forward our compliance report to Nodal Officer, Nagpur at the earliest.

Kindly acknowledge the receipt.

Yours faithfully,

Encl: as above.

CHIEF GENERAL MANAGER
CHANDRAPUR AREA

Copy to :-

1. The Nodal Officer,
Office of P.C.C.F, Seminary Hill, Nagpur-440006.
The Conservator of Forests, North Chandrapur Circle, Chandrapur
The O.S.D. (L&R), WCL Nagpur
The SAM, DOC SA.

स. NO. 100

708964

भारतीय स्टेट बैंक

STATE BANK OF INDIA

Payee Only
Not Negotiable

चन्द्रपुर/चन्द्रपुर-0346
CHANDRAPUR-0348
07172 55973

0

10 SEP 2004

दिनांक / DATE 19.....

PAY TO *Dy Conservator of Forest Chandrapur*
Division Chandrapur
RUPEES *Seven Crore Three Lakhs less Fifty Paise*
thousand and two hundred
two only

को या धारक को
OR BEARER

रुपये
RS. 71743202/-

01000080341

खाता सं ACCOUNT No.

वे को सी वहाँ कहीं परिया अकाउंट
[Signature]
अधिकृत हस्ताक्षर

[Signature]
अधिकृत हस्ताक्षर



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited

मिनिरत्न कम्पनी

(A Miniratna Company)

कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626

क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र

पता: वे.को.लि., चन्द्रपुर क्षेत्र, पो:बाबुपेठ, जिला: चन्द्रपुर,
महाराष्ट्र, पिन: 442304

Email: agmchandrapur.wcl@coalindia.in

Office of Area General Manager, Chandrapur Area

Address: WCL, Chandrapur Area, PO: Babupeth,

Dist: Chandrapur, MS, PIN:442304

Fax:07172-255287, Phone: 07172-253322-25



Condition No: iv-b

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding payment of additional amount of NPV)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we undertake that *we shall pay the additional amount of NPV at the then prevailing rate, if so determined, as per the final decision of the Hon'ble Supreme Court of India* for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.

(Harish K Gawali)

**Sub Area Manager / Project Proponent
Durgapur Sub Area**

Date : 04/07/25

Place : Chandrapur



FCA Projects, Diverted Land, CA Land Management



Detailed Summary of Selected FCA Project

Info

Project Basic Details

S.No.	Project Name	Project Year	Project Type	Purpose of Diversion	Total Land Diverted	User Agency
1	RENEWAL OF FOREST CLEARANCE OF 80.77 HA FOREST LAND IN FAVOUR OF DURGAPUR OPEN CAST PROJECT	2014	Mining	MINING	80.770	WCL CHANDRAPUR AREA, OFFICE OF THE AREA GENERAL MANAEGER WCL CHANDRAPUR AREA, boopathil@coalindia.in, 9962770888, westerncoal.in

Details of Diverted forest land

S.No.	Site Name	Area Diverted (In Ha.)	Division	Range	Forest Type	Location
1	400, 401	68.270	Chandrapur	Chandrapur	Reserved Forest (RF)	CHANDRAPUR DIVI
2	400	10.900	Chandrapur	Chandrapur	Reserved Forest (RF)	CHANDRAPUR DIVI
3	400	1.600	Chandrapur	Chandrapur	Reserved Forest (RF)	CHANDRAPUR DIVI

Details of Lands received from user agency for Compensatory Afforestation

S.No.	Site Name	Land Type	Area(in Ha)	District	Range	Notification order No.
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FCA Projects, Diverted Land, CA Land Management

[Back](#)

Detailed Summary of Selected FCA Project

[Info](#)

▼ Project Basic Details

S.No.	Project Name	Project Year	Project Type	Purpose of Diversion	Total Land Diverted	User Agency
1	DURGAPUR OPEN CAST MINING BY WCL (COAL MINING). [9563]	2005	Mining	DURGAPUR OPEN CAST MINING BY WCL (COAL MINING).	80.770	

▼ Details of Diverted forest land

S.No.	Site Name	Area Diverted (In Ha.)	Division	Range	Forest Type	Location
1	C.N. 401, 402	80.770	Chandrapur	Chandrapur	Reserved Forest (RF)	C.N. 401, 402 D

▼ Details of Lands received from user agency for Compensatory Afforestation

S.No.	Site Name	Land Type	Area(In Ha)	District	Range	Notification order No.
1	DURGAPUR OPEN CAST, Pailibhatadi, Sur No. 98 pf, Range Chandrapur	Degraded Notified Forest	96.000		Chandrapur [Chandrapur]	
2	C.No. 4	Degraded Notified Forest	4.000		Warora [Chandrapur]	
3	DURGAPUR OPEN CAST, Pailibhatadi, Sur No. 98 pf 1, Range Chandrapur	Degraded Notified Forest	81.000		Chandrapur [Chandrapur]	

▼ Details of the amount demanded from UA against the FCA project

S.No.	FCA Proj. File No	Project Name	State	Proj. Year	Order No.	Date	NPV	CA	ACA	PCA	PAF	CAT	SZ	Others	Total Demand
1	8-123/2003-FC	DURGAPUR OPEN CAST MINING BY WCL (COAL MINING). [9563]	MH	2005	No. 8-123/2003-FC	08/11/2005	62677520	8800812	0	0	0	0	1107747	0	72586079
Total							62677520	8800812	0	0	0	0	1107747	1107747	72586079

▼ Details of the amount received from UA against the FCA project.

S.No.	FCA Project File No	Proj. Name	State	Proj. Year	Ref. No.	Ref. Date	Receipt Date	NPV	CA	ACA	PCA	PAF	CAT	SZ	Others	Total Received
Data Not Available																

No.J-11015/56/2008-IA-II (M) pt. file
Government of India
Ministry of Environment, Forest and Climate Change
IA-II (Coal Mining) Division

Indira Paryavaran Bhawan,
Jorbagh Road, N Delhi-3
Dated: 10th November, 2017

To,

The General Manager (Environment),
M/s Western Coalfields Ltd,
Coal Estate, 9th Floor, Civil Lines,
Nagpur - 1 (Maharashtra)

Email: gmenvironment.wcl@nic.in; wclenv@yahoo.in

Sub: Durgapur Extension Deep OC Phase-II of 3 MTPA of M/s Western Coalfields Limited in a total area of 1622.50 ha located in District Chandrapur (Maharashtra) - Environmental Clearance - reg.

Sir,

This refers to your letter No. WCL/ENV/HQ/20-C&3-C/96 dated 15.03.2016, along with online proposal No. IA/MH/CMIN/62601/2008 dated 17.02.2017 and subsequent letters dated 21.02.2017, 22.02.2017, 23.02.2017, 24.02.2017, 11.09.2017, 13.09.2017, 16.09.2017, 23.09.2017 and 26.09.2017 on the above-mentioned subject.

2. The Ministry of Environment, Forest and Climate Change has considered the proposal for grant of environmental clearance to Durgapur Extension Deep OC Phase-II of 3 MTPA of M/s Western Coalfields Limited in a total area of 1622.50 ha located in District Chandrapur (Maharashtra), dovetailing the EC for Phase-I granted on 16th March, 2012.

3. The proposal was considered by the Expert Appraisal Committee (EAC) in the Ministry for Thermal & Coal Mining Projects in its 6th meeting held on 27-28 February, 2017 and 19th meeting held on 26th September, 2017. The details of the project, as per the documents submitted by the project proponent, and also as informed during the meeting, are reported to be as under:-

(i) The EC for Durgapur OC Project for 2.3 MTPA for a total lease area of 1354.64 ha was accorded vide letter dated 30th March, 2007.

(ii) The terms of reference for Durgapur Extension (Deep) OC was granted vide letter dated 12th June, 2008 for its expansion from 2.3 MTPA to 3 MTPA with increase in land area from 1354.64 ha to 1645.82 ha (included additional forest land of 121.58 ha for which stage-I forest clearance was under process). Based on the said ToR, public hearing was conducted on 30th October, 2009 and the EIA/EMP was submitted. The project was granted EC by the Ministry vide letter dated 16th March, 2012.



(iii) Total project area now includes 1186.54 ha of the existing land (257.77 ha of forest land for which stage-I FC was earlier granted in stages), additional area of 410.96 ha (includes 121.58 ha of forest land) and 25 ha for village rehabilitation. For diversion of the remaining forest land of 121.59 ha, stage-forest clearance was granted on 16th December, 2015.

(iv) The increase in total project area from 1186.54 ha to 1622.50 ha with the mining capacity remaining the same, would result in sustainability of coal mining operations, assured supply of coal to the consumers and increase in the life of the mine ultimately

(v) The land use pattern the project site will be as follows:

Pre-Mining: The total land requirement for this project is 1622.50 ha

S.N.	LAND USE	Within ML Area (ha)	Outside ML Area (ha)	Total
1	Agricultural land	1045.20	25.00	1070.20
2	Forest land	379.35	-	379.35
3	Waste land/Govt. Land	172.95	-	172.95
4	Grazing land	-	-	-
5	Surface water bodies	-	-	-
6	Settlements	-	-	-
7	Others (specify)	-	-	-
	Total	1597.50	25.00	1622.50

Post- Mining:

S. No.	Item	Land use (ha)				
		Plantation	Water Body	Public use	Un-disturbed	Total
1	External OB Dump	350.00	0.00	0.00	111.38	461.38
2	Excavation	150.00	175.00	0.00	335.68	660.68
3	Infrastructure like Sub-station, CHP Service Buildings etc.	10.00	0.00	90.00	0.00	100.00
4	Undisturbed area (brought under plantation)	100.00	0.00	0.00	245.44	345.44
5	Area for village rehabilitation	4.00	0.00	21.00	0.00	25.00
6	Road	2.00	0.00	8.00	0.00	10.00
7	Colony Land	4.00	0.00	16.00	0.00	20.00
	Total	620.00	175.00	135.00	692.50	1622.50

(vi) Total geological reserve is 49.76 MT. The mineable reserve 47.27 MT, extractable reserve is 47.27 MT. The percent of extraction would be 95%.

(vii) The coal grade is GCV 4581 k Cal /kg (Grade G-10). The stripping ratio is 1:6.58 m³/tonne. The average Gradient is 1 in 8 to 1 in 10. There will be one seam with average gradient thickness ranging 13.24 m to 17.51 m.

(viii) Total estimated water requirement is 790 m³/day industrial demand and 1400 m³/day for domestic demand. The level of ground water ranges from 2.87 m to 8.57 m.

- (ix) The method of mining would be Opencast with Shovel-Dumper combination.
- (x) There are eight external OB dumps with Quantity of 116.85 Mm³ and area of 461.38 ha and 3 internal dump and 202.59 Mm³ in an area of 485.68 ha. The final mine void would be in 175 ha with depth 150 m.
- (xi) Total quarry area is 660.68 ha. Out of total backfilled quarry area of 485.68 ha, 150 ha area shall be reclaimed with plantation. A void of 175.00 ha with depth 150 m which is proposed to be converted into a water body.
- (xii) The life of mine is 17 Years.
- (xiii) Transportation: Coal transportation in pit by through Dumpers from in pit to pit head coal handling plant, Coal from CHP to consumer is transported by belt conveyer.
- (xiv) There is R&R of Sinhala, Navegaon, Masala Tukum and old Masala involved. There are 1275 nos. of PAFs.
- (xv) Cost: Total capital cost of the project is Rs. 378.8711 Crores. CSR Cost based on 2% of the average net profit of the Company for the three immediate preceding financial years or Rs 2.00 per Tonne of Coal Production of the previous year whichever is higher. R&R Cost 126.4425 Crores. Environmental Management Cost: Capital – Rs155.00 Lakhs and Revenue- @ Rs 6/tonne.
- (xvi) Water body: one seasonal nallah flows through the block boundary. Nallah are proposed to be diverted. The re-alignment of this nala is proposed along periphery of external dump.
- (xvii) Approvals: Ground water clearance:-NOC for withdrawal of groundwater from CGWA was granted vide letter no.21-4(21)/CR/CGWA/2007-764 dated 31-08-2007 as per prevalent rules. Further as per amended rules of 2012 application for grant of NOC for dewatering of Groundwater has been submitted to CGWB dated 07-06-2016.
- (xviii) Mining Plan for the project was approved by the WCL Board on 21st February, 2017. Mine closure plan is an integral part of mining plan.
- (xix) Wildlife issues: There are no national Parks, wildlife sanctuary, biosphere reserves found in the 10 km buffer zone.
- (xx) Total forest area involved 379.35 ha. Breakup of the forest land clearance is as below:
- 40.46 ha - FLD- 3679/1435 – F3 dated 23rd May, 1980 from Revenue Department, Govt. of Maharashtra, Mantralaya, Bombay
 - 136.54 ha - F.8 – 35/2001 – FC dated 19.09.2006 from MOEF
 - 80.77 ha - F.8 – 123/2003 – FC dated 8th November, 2005 from MOEF
 - 121.58 - Stage – I FC granted vide 8-84/2014-FC Dated 16th September 2015 from MoEF&CC
- (xxi) Total afforestation plan shall be implemented covering an area of 620ha at the post-mining. Density of tree plantation 2500 trees/ ha of plants.
- (xxii) There are no court cases/violation pending with the project proponent.
- (xxiii) The monitoring report on compliance status of existing EC conditions has been forwarded to the Ministry by Regional Office, MoEF&CC Nagpur vide letter No.F-3-18/2012 (Env.) dated 7th September, 2017. Subsequently, the Action Taken Report on the observations (partially complied conditions) of the Regional Office has been submitted by the project proponent. The same was also presented before the EAC during the meeting.

4. The Expert Appraisal Committee in its 19th meeting held on 26th September, 2017, has recommended the proposal for grant of Environmental Clearance subject to compliance of certain terms and conditions. Based on the recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to **Durgapur Extension Deep OC Phase-II of 3 MTPA of M/s Western Coalfields Limited in a**

Durgapur Extn. Deep OC Phase III by M/s WCL58_2008EC

6/

total area of 1622.50 ha located in District Chandrapur (Maharashtra), under the provisions of the Environment Impact Assessment Notification, 2006 and subsequent amendments/circulars thereto subject to compliance of the terms and conditions, and environmental safeguards as under:

- (i) The maximum production from the mine shall not exceed the sanctioned capacity of 3 MTPA as mentioned in the EC.
- (ii) The validity of the EC is for the life of the Mine or as specified in the EIA Notification, 2006, whichever is earlier.
- (iii) Standard Operating Procedures are required to be prepared and vetted by the company headquarters for adoption of environmental measures in course of various mining activities right from drilling, blasting to coal dispatch be submitted to EAC for monitoring.
- (iv) Transportation of coal should be carried out by covered trucks. Mitigative measures to be undertaken to control dust and other fugitive emissions all along the roads by providing sufficient numbers of water sprinklers.
- (v) Continuous monitoring of occupational safety and other health hazards, and the corrective actions need to be ensured.
- (vi) Controlled blasting techniques should be adopted to control ground vibration and fly rocks.
- (vii) Thick green belt of 30-45 m width to be provided to mitigate/check the dust pollution. A 3-tier avenue plantation should also be developed along vacant areas, storage yards, loading/transfer points, and also along internal roads/main approach roads

4.1 The grant of Environmental Clearance is further subject to compliance of generic conditions as under:

(a) Mining

- (i) No change in mining technology and scope of work shall be made without prior approval of the Ministry of Environment, Forest and Climate Change. No change in the calendar plan including excavation, quantum of coal and waste should be made.
- (ii) Mining shall be carried out as per the approved mining plan, and also abiding by the relevant laws related to coal mining and the circulars issued by Directorate General Mines Safety (DGMS). An approved progressive Mine Closure Plan shall strictly be complied with and submitted.

(b) Land Reclamation

- (i) Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment, Forest and Climate Change its Regional Office.
- (ii) Final mine void depth should not be more than 40 m. The void area should be converted into water body. The remaining area should be back filled up to the ground level and covered with thick top soil. The land after mining should be restored for agriculture or forestry purpose.
- (iii) The top soil, if any, shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation. The overburden dumps should be vegetated with suitable native species to prevent erosion and surface run off. The entire excavated area shall be backfilled and afforested in line with the

approved Mine Closure Plan. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office on six monthly basis.

(iv) Greenbelt shall be developed all along the mine lease area in a phased manner. The width of the green belt along forest area should not be less than 7.5 m, and the total area covered by 3 tier green belt shall not be less than 100 ha. A 3-tier green belt comprising of a mix of native species shall be developed all along the major approach roads.

(c) Emissions, Effluents, and Waste Disposal

(i) Transportation of coal by road should be carried out by covered trucks only. Effective measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM₁₀ and PM_{2.5} such as haul road, loading and unloading point and transfer points. Fugitive dust emissions from all the 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 in this regard.

(ii) Vehicular emissions shall be kept under control and regularly monitored. Project should obtain 'PUC' certificate for all the vehicles from authorized pollution testing centres.

(iii) Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM₁₀, PM_{2.5}, SO₂ and NO_x. 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. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc carried out at least once in six months.

(iv) Crusher/feeder and breaker material transfer points should invariably be provided with dust suppression system. Belt-conveyors should be fully covered to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.

(v) The project proponent shall not alter the major channels around the site. Appropriate embankment should be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary should be of suitable dimensions and critical patches should be strengthened by stone pitching on the river front side and stabilised with plantation so as to withstand the peak water flow and prevent mine inundation.

(vi) Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources in the area in consultation with Central Ground Water Board.

(vii) Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, coal heaps and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. Dimension of the retaining wall to be constructed at the toe of the dumps and OB benches within the mine to check run-off and siltation should be based on the rainfall data.

(viii) Industrial waste water (CHP, workshop and waste water from the mine) should be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.

(d) Noise & Vibration Control

- (i) Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs/muffs.
- (ii) Controlled blasting techniques should be practiced with use of delay detonators to mitigate ground vibrations and fly rocks.

(e) Occupational Health & Safety

- (i) Besides carrying out regular periodic health check-up of their workers, 20% of the workers identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, through an specialised agency /institution within the District/State and the results reported to this Ministry and to DGMS.
- (ii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Supervisory staff shall be held responsible for ensuring compulsory wearing of dust mask.
- (iii) In case of outsourcing of work through MDO, the project proponent shall ensure the strict enforcement of the above conditions.

(f) Biodiversity

- (i) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, if any, spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. A copy of action plan shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office.

(g) Implementation of Action Plan as per Public Hearing and CSR Activities

- (i) Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The Project Proponent shall complete all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing. Land oustees should be compensated as per the norms laid out R&R Policy of the Company or the National R&R Policy or R&R Policy of the State Government, whichever is higher.
- (ii) The Board of every company, shall ensure that the company spends, in every financial year, at least two per cent. of the average net profits of the company made during the three immediately preceding financial years, in pursuance of its Corporate Social Responsibility Policy under Section 135 of the Companies Act, 2013, for the socio economic development of the neighbourhood.

(h) Corporate Environment Responsibility

- (i) The Company should have a well laid down Environment Policy approved by the Board of Directors.



- (ii) To have proper checks and balances, the Company should have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large.
- (iii) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- (iv) The funds earmarked for environmental protection measures should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office.

(i) Statutory Obligations

- (i) Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, NGT and any other Court of Law, if any, as may be applicable to the project.
- (ii) This Environmental Clearance is subject to obtaining requisite NBWL Clearance from the Standing Committee of National Board for Wildlife, if any, as applicable to the project.
- (iii) The project proponent shall obtain Consent to Establish and Consent to Operate from the concerned State Pollution Control Board prior to increase in capacity of washery and effectively implement all the conditions stipulated therein.
- (iv) Project Proponent shall obtain the necessary prior permission from the Central Ground Water Authority (CGWA) for drawl of water (surface and ground water).

(j) Monitoring of Project

- (i) Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board.
- (ii) The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment, Forest and Climate Change, its Regional Office, Central Pollution Control Board and State Pollution Control Board.
- (iii) 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.
- (iv) The activities pertaining to development of green belt/horticulture shall be reported to concerned Regional Office of MoEF&CC on six monthly basis from the date of commencement of mining operations.
- (v) For half yearly monitoring reports, the data should be monitored for the period of April to September and October to March of the financial years and submitted to the concerned authorities within 2 months of the completion of periodicity of monitoring.



(k) Miscellaneous

- (i) A copy of clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom suggestion / representation has been received while processing the proposal.
- (ii) An electronic copy of the EC letter shall be marked to the concerned State Pollution Control Board, Regional Office, District Industry Sector and Collector's Office/Tehsildar Office for information in public domain within 30 days.
- (iii) The EC letter shall be uploaded on the company's website. The compliance status of the stipulated EC conditions shall also be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM₁₀, PM_{2.5}, SO₂ and NO_x (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.
- (iv) The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment, Forest and Climate Change at www.environmentclearance.nic.in and a copy of the same should be forwarded to the Regional Office.
- (v) The Environmental Statement for each financial year ending 31 March in Form-V is mandated to be submitted by the PP for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the Company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF&CC by e-mail.

5. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the EAC. The commitment made by the project proponent to the issue raised during Public Hearing shall be implemented by the proponent.

6. The project 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.


7. The PP shall set up an Environment Audit cell with responsibility and accountability to ensure implementation of all the EC Conditions.

8. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this EC and attract action under the provisions of Environment (Protection) Act, 1986.

9. The above conditions will 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 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. The project


proponent shall ensure to undertake and provide for the costs incurred for taking up remedial measures in case of soil contamination, contamination of groundwater and surface water, and occupational and other diseases due to the mining operations.

10. Any appeal against this EC 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.


 10/11/2017
 (S. K. Srivastava)
 Scientist E

Copy to:

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi
2. The Secretary, Department of Environment, Government of Maharashtra, 15th Floor, New Admn. Bldg, Madam Cama Road, **Mumbai** - 32
3. The APCCF, MOEF&CC (Western Central Zone), Ground Floor, East Wing, New Secretariat Building Civil Lines, Nagpur (Maharashtra)
4. The Member Secretary, Maharashtra State Pollution Control Board, Kalapataru Point, 3rd & 4th Floors, Sion, Matunga Scheme Road No. 8, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai - 2
5. The Member Secretary, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, Delhi -110 032
6. The Member-Secretary, Central Ground Water Authority, Ministry of Water Resources, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi
7. The District Collector, **Chandrapur**, Government of Maharashtra
8. Monitoring File 9. Guard File 10. Record File 11. Notice Board


 10/11/2017
 (S. K. Srivastava)
 Scientist E



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited
मिनिरत्न कम्पनी (A Miniratna Company)
कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)
CIN-U10100MH1975GOI018626



क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र
पता: वे.को.लि., चन्द्रपुर क्षेत्र, पो.बाबुपेठ, जिला: चन्द्रपुर,
महाराष्ट्र, पिन : 442304
Email: agmchandrapur.wcl@coalindia.in

Office of Area General Manager, Chandrapur Area
Address: WCL, Chandrapur Area, PO: Babupeth,
Dist: Chandrapur, MS, PIN:442304
Fax:07172-255287, Phone: 07172-253322-25

Condition No: viii

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding Mining in a phased manner after taking due care for reclamation)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *mining will be carried out 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 will be executed from the very first year and an annual report on implementation thereof will be submitted to the Nodal Officer, and the Regional Office of the Ministry for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*


(Harish K Gawali)

**Sub Area Manager / Project Proponent
Durgapur Sub Area**

Date : 04/07/25

Place : Chandrapur

Tree and Bamboo Clump List

Sr. No.	Species Name	Girth in CM
1	Moha	252
2	Surya	145
3	Moha	262
4	Bahava	62
5	Bahava	63
6	Sina	39
7	Surya	39
8	Surya	35
9	kadunim	57
10	kadunim	48
11	Maharukh	57
12	Sina	30
13	Sina	39
14	Sina	80
15	yen	115
16	Ekhtembur	102
17	Behda	77
18	Chichva	76
19	Dhoban	80
20	Dhoban	80
21	Movai	97
22	Dhavada	47

Sr. No.	Species Name	Girth in CM
23	Movai	85
24	Movai	30
25	Dhoban	51
26	khair	50
27	Chichva	62
28	Dhoban	80
29	yen	40
30	Bahava	47
31	Surya	50
32	Surya	40
33	Kateyen	73
34	Behda	68
35	Sina	43
36	Sina	66
37	Moha	80
38	Dhavda	75
39	Bhera	50
40	Surya	60
41	Bahava	42
42	Surya	40
43	Movai	70
44	Surya	40
45	Dhavda	45

Bamboo clump

Sr. No.	Species Name	Nos
1	Bamboo clump	48

[Signature] 28/3/2024

[Signature]
(Prashant Khade)
 Divisional Forest Officer
 Chandrapur Division Chandrapur



Abstract												
Sr.No.	Tree Name	Girth Class										
		U/30	31-45	46-60	61-75	76-90	91-105	106-120	121-135	136-150	Above 150	Total
1	Moha											
2	Surya		5	2		1					2	3
3	Bahava		1	1	2					1		8
4	Sina	1	3		1	1						4
5	Kadunim			2								6
6	Maharukh			1								2
7	Yen		1									1
8	Ekhtembur											1
9	Behada						1					1
10	Chichva				1	1						2
11	Dhoban	1		1	1	1						2
12	Movai	1				3						5
13	Dhavda		1	1	1	1	1					4
14	Khair			1								3
15	Kateyen				1							1
16	Bhera			1								1
Total		3	11	10	8	8	2	0	0	1	2	45
17	Bamboo Ranji											
Total		3	11	10	8	8	2	0	0	1	2	93

(Prashant Khade)
 Prashant Khade
 Divisional Forest Officer
 Chandrapur Division Chandrapur



28/3/2024
 RANGE FOREST OFFICER
 Chandrapur Range, Chandrapur

BREAK-UP OF CLOSURE FUND

Total Corpus Fund = Rs. 14407.30 Lakhs + Rs. 4335.42 Lakhs (upto 2015-16)
= Rs. 18742.72 Lakhs

Sl. No.	Activity	% of Total Mine closure Cost	Amount (Rs.in Lakhs)	Remarks
A	Dismantling of structures			To be included in final mine closure plan.
	Service Building	0.2	37.49	
	Residential Building	2.67	500.43	
	Industrial Structures like, Workshop, Field substation, etc.	0.3	56.23	
B	Permanent Fencing of mine void and other dangerous area			To be included in final mine closure plan.
	Random rubble masonry of height 1.2 meter including leveling up in cement concrete 1:6:12 in mud mortar	1.5	281.14	
C	Grading of highwall slopes			To be included in final mine closure plan.
	Levelling and grading of highwall slopes	1.77	331.74	
D	OB Dump Reclamation			
	Handling/Dozing of OB Dump into mine void and preparation of Internal dump for reclamation.	88.66	16617.30	71% for progressive and 17.66% for final mine closure.
	Technical and Bio-reclamation including plantation and post care.	0.4	74.97	Equal Weightage throughout the life of the mine.
E	Landscaping			
	Landscaping of the open space in leasehold area for improving its aesthetic and eco value.	0.3	56.23	Equal Weightage throughout the life of the mine.
F	Plantation			
	Plantation over cleared area obtained after dismantling.	0.5	93.71	To be included in final mine closure plan.
	Plantation around the quarry area and in safety zone.	0.2	37.49	Equal Weightage throughout the life of the mine.
	Plantation over the external OB Dump	0.02	3.75	Equal Weightage throughout the life of the mine.
G	Post Closure Env Monitoring/Testing of Parameters for three years.			For three years after mine closure
	Air Quality	0.22	41.23	
	Water Quality	0.2	37.49	
H	Entrepreneurship development (vocational/ skill development) Training for sustainable income of affected people.	0.26	48.73	Equal Weightage throughout the life of the mine.
I	Miscellaneous and other mitigative measures.	2	374.85	Equal Weightage throughout the life of the mine.
J	Post Closure Man power cost for supervision	0.8	149.94	To be included in final mine closure plan.
TOTAL		100%	18742.72	

**WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA
DURAPUR OPENCAST PROJECT**

**COMPLIANCE TOWARDS MINING IN PHASED MANNER,
TREE FELLING AND PLAN FOR LAND RECLAMATION**

Mining Strategy:

Durgapur Opencast Project is working with 5 Sectors stretched from South to North viz., Sector I-C, II, III, IV & V. Initially coal extraction has been proposed to continue in Sector-V. Considering the prevailing geo-mining parameters of Sector-V, maximum 2.50 Mty production can be achieved from this sector. Therefore, to achieve target capacity of 3.0 Mty, it is proposed to work both Sector-V and Sector-IC, II & III simultaneously from 4th year to produce 2.50 Mty and 0.5 Mty respectively. The proposed 80.77 Ha forest land is stretched from Sector I-C to Sector IV from South to North Direction. Mining is phased out year-wise, cut wise and sector wise in the approved project report of Durgapur Extn. Deep OC Project. As the current mining operations are being carried out in the non-forest area of Sector V, a patch of 1.60 hectares of forest land, which forms part of the 80.77 Ha proposal, located adjacent to Sector V, may be required for mining purposes at the earliest. As per the calendar programme given in the project report, mining activities at the forest land 80.77 Ha area proposed to be initiated in the 4th year onwards to end of the mine closure.

Tree Felling:

The 80.77 Ha Forest Land has 93 trees which includes 45 number of non-teak fuel trees and 48 number of bamboo Plantations. It was confirmed by the State Forest Department in Part II of the Proposal and during the Site Inspections. However, Tree Felling in the non-forest land will be carried out as per the progress of the mining plan. Necessary permissions will be obtained as per Maharashtra Felling of Trees (Regulation) Act 1964 from the Tree Officer/Range Forest Officer.

Reclamation Plan:

Durgapur Opencast is an ongoing project and reclamation activities is being carried since the beginning of the project. As per the dumping schedule / Post-Mining Plan, excavated areas

of the project will be backfilled and biologically reclaimed as per the approved project report and approved mine closure plan.

In an opencast project, land degradation occurs due to excavation activities and the creation of overburden (OB) dumps. To mitigate the impact of this degradation, simultaneous backfilling is carried out as much as possible. Additionally, efforts are made to minimize the extent of land designated for OB dumps, ensuring that the environmental footprint is kept as small as feasible.

Reclamation Procedure to be followed during the Mining Operation:

- i) The top of the dump will be leveled with dozer and grader
- ii) An edge bund will be made along its periphery
- iii) The top of the dump will be divided into a number of plots of suitable size with a series of hills and valleys so as to enable the excess storm water to flow down.
- iv) Water so collected at the foot of the spoil bank will be led into drains bunding into check dam for settling of the suspended solids.
- v) Pits are then proposed to be dug in the contour trenches and filled with a mixture of top soil and manure / fertilizers. Saplings would, then be planted at the commencement of monsoon. Later when monsoon are over, they would be irrigated with piped water.
- vi) The biological reclamation of dump slopes would commence as soon as first bench is ready. The slopes would be flattened and leguminous grass seeds would be sown. This would help in rapid binding and consolidation of soil on slopes and improved soil fertility.
- vii) A progressive afforestation plan will be implemented in which includes reclaimed area along with Mining Lease Boundary, along roads and infrastructure, embankments, vacant land (if any,) by planning native species in consultation with the State Forest Department.
- viii) The terraces are to be sloped inward. There will be open masonry drains on all terraces at the foot of the bench.
- ix) Once the mined-out area have been backfilled, the same efforts discussed above shall be undertaken in respect of backfilled area.

The reclamation of the mining area follows the dumping strategy outlined in the approved project report. The project proposes the removal of 319.44 million cubic meters (MM³) of overburden. Of this, 63.42% (202.59 MM³) will be used for backfilling (Internal Dumping) of the excavated areas. The topsoil which is stored near the North Eastern boundary of the mine lease will be applied over the backfilled area for biological reclamation. The mine closure plan includes

9	Sector-V	3.11	2.95			11.49			17.55
	Sector-IC,II&III							3.95	3.95
10	Sector-V		5			12.6			17.6
	Sector-IC,II&III							3.9	3.9
	Rehandling OB					1			1
11	Sector-V		2.56						2.56
	Sector-IV				2	11.1			13.1
	Sector-IC,II&III							3.84	3.84
	Rehandling OB					0.5			0.5
12	Sector-IV				2	13.11			15.11
	Sector-IC,II&III						1	3.39	4.39
13	Sector-IV				0.79	14.31			15.1
	Sector-IC,II&III						2.01	1.89	3.9
14	Sector-IV					13.27			13.27
	Sector-IC,II&III					2.79	0.94		3.73
15	Sector-IV					14.1			14.1
	Sector-IC,II&III						0.4	1	1.4
16	Sector-IV					14.1			14.1
	Sector-IC,II&III						1.4		1.4
17	Sector-IV					5.69			5.69
	Sector-IC,II&III						2.61	0	2.61
Total		90.11	10.51	9.44	6.79	166.61	8.36	27.62	319.44

Plantation is also planned for the mechanically reclaimed land during the first three years of the mining operation. This will help accelerate the reclamation process and promote ecological restoration of the mined areas. Financial provision have also been made in the approved Project Report for augmentation / strengthening of existing Plantation as given below:

(Amounts in Rs.'000)

Sl.No.	Particulars	Capital Provision			References
		No.	Unit	Total Amount	
1	Plantation during First three year	LS	LS	15.00 Lakhs	Appendix –A.8.4(A)

Further, a wildlife mitigation measures was approved by the Committee under the Chairmanship of Principal Chief Conservator for the diversion of 121.58 Ha which is located adjacent to the proposed 80.77 Ha forest land vide letter dated Desk-23(2)/WL/Survey/Pr.kr.53/1061/2022-23 dated 12.07.2022. This wildlife mitigations measures included a financial provision of Rs.793.77 Lakh towards Plantation on OB Dumps, Grass Plantaion and Gap Plantation across the mine lease of Durgapur OC Project.

Rs.74.97 Lakh financial provision has been kept in Mine Closure Plan for biological reclamation of OB dumps and other areas. Apart from the above, Rs. 134.95 Lakh financial provision kept in the Mine Closure activities of approved project report for plantation of cleared area, safety zone and plantation over the external OB Dump.

The local tree species and fruit bearing spp. like *Ficus* spp., *Azadirachta indica*, *Madhuca indica*, *Lagerstromia speciosa*, *Dendrocalamus strictus*, *Cassia fistula*, *Holoptelia integrifolia* and other local species will be preferred for planting. As per the decision of the committee plantations should not be very dense. A specific distance between each plant should be maintained so that the site should not be crowded and site visibility will not hamper and for this, spacing of 4*4 m (625 plants/ha) should be followed. The objective of plantation is to stabilize dump soil as well as not to hamper the vision. The plantation activity should be with the consultation of Forest Department. Polypot grass plantation on the dump area should be adopted. Development of grasses on it will provide ample availability of prey base to carnivores. It will also provide soil stability and will prevent soil erosion. Soil erosion resistant and soil binding grass species like *Dicanthium annulatum*, *Chrysopogan* spp, *Veteveria zizanoides*, *Sehima nervosum* etc. are proposed for plantation. It should be done in accordance with soil testing report. Copy of the Approved Wildlife Mitigation Measures enclosed for reference.



(Harshad Datar)
Area General Manager
Chandrapur Area



(Harish K Gawali)
Project Proponent/SAM
Durgapur Sub Area



Divisional Forest Officer
Chandrapur Division
Chandrapur District, M.S



Date: 20/8/2025
Place: Chandrapur



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited

मिनिरत्न कम्पनी

(A Miniratna Company)

कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626



क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र

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Dist: Chandrapur, MS, PIN: 442304

Fax: 07172-255287, Phone: 07172-253322-25

Condition No: ix

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding surrender of the mined out and reclaimed forest land)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *the mined out and reclaimed 80.77 Ha forest will be surrendered as per the land surrender schedule prepared by the project authority for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*

(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur

**WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA
DURGAPUR OPENCAST PROJECT**

**Proposed Plan for the Land Surrender Schedule of 80.77 Ha Forest Land
for Durgapur OC Mine, WCL-Chandrapur Area**

Durgapur Opencast Project is located at Chandrapur District of Maharashtra State. The project is catering coal supply to the MAHAGENCO through Chandrapur Super Thermal Power Station. The Project Report of Durgapur Extn. Deep OC Project (February 2017) was approved with a proposed capacity from 2.30 to 3.00 Million Tonnes Per Annum (MTPA) to meet the demand of CSTPS which is having a cost-plus agreement.

At present, the project is having total area of the project is 1597.50 Ha in which 1218.15 Ha is a non-forest land and 379.35 Ha is a forest land. The 80.77 Ha Forest land was acquired u/s 9(i) of Coal Bearing Areas (Acquisition & Development) Act 1957 vide SO No.450E dated 04.08.1979. Stage II Forest Clearance was obtained from the Ministry of Environment & Forest, New Delhi vide letter F.No.8-123/2003 dated 08.11.2005 for the period of 08 years. After the diversion of 80.77 Ha Forest Land in November 2005, 121.58 Ha Forest Land was acquired u/s 9(i) of Bearing Areas (Acquisition & Development) Act 1957 vide SO No.2922 dated 25.11.2010. Due to the acquisition of additional forest land area of 121.58 Ha adjacent to the 80.77 Ha, renewal of forest clearance was submitted by the WCL in 2013.

The proposed 80.77 Ha forest land is already broken for mining activities during the earlier diversion period from 08.11.2005 to 07.11.2013 (8 years). Approximately, 8.00 Million Tonnes of Coal Reserves is estimated beneath the 80.77 Ha Forest Land which is currently lying as benches and water body. The 80.77 Ha & 121.58 Ha forest land areas are geographically located adjacent to each other on the eastern side of the Durgapur OC Project. The newly acquired 121.58 Ha forest land is form the part of present mine lease boundary where safety zone area of 3.18 Ha is already allotted by the state forest department during its diversion.

Both parcels of forest land i.e., 80.77 Ha and 121.58 Ha are falling in Sector I-C, II, III and IV of Durgapur Opencast Project. It is pertinent to mention that the 121.58 Ha forest land was diverted by Order of MoEF & CC, New Delhi vide letter no.8-84-2014-FC dated 22.12.2021 and Wildlife Clearance for the same is approved vide letter F.No. F.No.6-1/2023 WL dated 19.05.2023. The subject 121.58 Ha Forest Land expected to be handed over to the User Agency WCL after felling of trees.

The Excavation works at Sector I-C, II, III and IV of 80.77 Ha Forest Land proposed from 1st year onwards upto 11th year. Considering the mining conditions and narrow stretch around 4.00 kilometres length, backfilling operations will be initiated as per mining plan, i.e., from the 11th year onwards. Hence, as per the Mining Plan, this portion of the Durgapur OC Mine is operational till the end of Mine Life (17th Year).

80.77 Ha which is located prior to the 121.58 Ha will be used for coal mining to excavate the 8.00 million tonnes estimated coal reserve and utilized to approach the 121.58 Ha through out the mine life. Once coal is excavated from the 121.58 ha forest land, the overburden generated during the excavation will be utilized for backfilling the void created in the 80.77 ha forest land. An estimated 24.27 million tonnes of coal reserves within the 121.58 ha area will be excavated by accessing it through the adjoining 80.77 ha area. 69.87 Ha out of 80.77 Ha will be used for excavation of coal reserve and backfilling as per mine closure plan. An area of 10.90 ha located in Sector IV has already been elevated from ground level and will serve as the access route to the mining zones of Sectors IV, III, and II, forming the core area for operational activities. Hence, the activity wise land surrender schedule is given below assuming that Stage II clearance is received on 01st December 2025:

Sr. No	Name of the activity	Area (in Ha)	Mine Life as per Revised Project Report of February 2017 (17 years)	Time required for implementation of Mine Closure Plan	Proposed year of surrendering the Forest Land
1	Quarrying	80.77	2025-26 to 2036-2037	01 st year to 11 th year	2047
2	Backfilling & Biological Reclamation	80.77	2037-39 to 2042-43	12 th year to 17 th years	2047
	Total	80.77			

Assuming Stage II clearance 3 Months' time is assumed to be taken for handing over of Forest Land to the User Agency after felling of trees. Mine will be operational for 17 years (17 X 12 = 204 Months) in all sectors. Due to continuous mining activity in the proposed 80.77 Ha forest land, the User Agency felt that it is technically possible to surrender the mined-out forest land after 17 years of Mining and 4 years of Mine Closure Activities. Hence, it is possible to surrender the forest land in 22nd year, i.e. 2047. The reclamation of 80.77 Ha and 121.58 Ha will be done as per the Mining Plan. After disposal of all Mine Closure Claims and Relieve of all liabilities as per Mine Closure, the forest land will be surrendered which is subject to competent approval (Ministry of Coal).

(Harshad Datar)
Area General Manager
Chandrapur Area

(Harish K Gawali)
Sub Area Manager
Durgapur Sub Area

(A.B. Asutkar.)
Sr. Surveyor
Durgapur OC Project

(B.C. Gole)
Divisional Forest Officer (Addl.)
Chandrapur Division



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited

मिनिरात कम्पनी

(A Miniratna Company)

कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626

क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र

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Condition No: x

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding handing over of rehabilitated forest area)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *80.77 Ha forest will be handed over to the State Forest Department after closure of mining operations for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*


(Harish K Gawali)

**Sub Area Manager / Project Proponent
Durgapur Sub Area**

Date : 04/07/25

Place : Chandrapur



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Condition No: xi(a)

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding demarcation of safety zone)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we undertake that *7.5-meter strip safety zone, all along the inner boundary of the mining lease area will be demarcated with RCC Boundary Pillars inscribed with DGPS coordinates with barbed wire fencing* for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.


(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25
Place : Chandrapur



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Condition No: xi(b)

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding fencing the boundary of safety zone, adjacent to habitation/roads)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we undertake that *the boundary of the safety zone of the mining lease, adjacent to habitations/roads will be properly fenced at the cost of the User Agency* for which Stage I Forest Clearance accorded by the vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.


(Harish K Gawali)

**Sub Area Manager / Project Proponent
Durgapur Sub Area**

Date : 04/07/25

Place : Chandrapur



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Condition No: xi(c)

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

**(Regarding maintenance of green belt around mining lease,
canopy density and regeneration of Safety zone)**

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we undertake that *the safety zone will be maintained as green belt around mining lease and canopy density and regeneration in the area will be ensured at project cost under the supervision of the State Forest Department* for which Stage I Forest Clearance accorded by the vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.

(Harish K Gawali)

**Sub Area Manager / Project Proponent
Durgapur Sub Area**

Date : 04/07/25

Place : Chandrapur



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Condition No: xi(d)

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding maintenance of safety zone as per the norms)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we undertake that *maintenance of safety zone as per the prescribed norms will be ensured by the WCL* for which Stage I Forest Clearance accorded by the vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.


(Harish K Gawali)

**Sub Area Manager / Project Proponent
Durgapur Sub Area**

Date : 04/07/25

Place : Chandrapur



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Condition No: xii(a)

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding mitigative to minimize soil erosion and chocking of streams)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *mitigative measures to minimize soil erosion and chocking of stream will be implemented within a period of three years with effect from the date of issue of 'Final' approval in accordance with the approved Plan in consultation with the State Forest Department for which Stage I Forest Clearance accorded by the vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest land for Durgapur Opencast Project, Chandrapur Area.*


(Harish K Gawali)

**Sub Area Manager / Project Proponent
Durgapur Sub Area**

Date : 04/07/25

Place : Chandrapur

**WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA
DURGAPUR OPENCAST PROJECT**

**PLAN TO MITIGATE SOIL EROSION & CHOKING OF STREAMS
& SOIL CONSERVATION MEASURES**

INTRODUCTION –

Durgapur- Motaghat Block that extends over an area of about 6.50 sq.km. is located in Southern part of the eastern Limb of Wardha Valley Coalfield. The block is about 6 km from Chandrapur district Town. The block falls in Survey of India Top Sheet No. 55 P/8 and 56 M/5 and is bounded by latitudes: 19° 59' 37" and 20° 02' 08" N and longitudes: 79° 18' 10" and 79° 20' 27" E. The coordinates of the area on National Grid are N – 1081846.510 and 1086456.576 and Departure E–3031648.144 and 3035643.549 (Plate – I).

OBJECTIVE –

- To plan mining operation in such a way that NO or MINIMUM Soil Erosion and Choking of Streams within the mine lease boundary.
- To plan mining operation in such a way that No or minimum silting occur in the water bodies /ponds within 5.0 Kilometer of the mine lease boundary. For desilting of identified tanks and water bodies if any so as to mitigate the impact of siltation on such tanks/water bodies.

THE PLAN –

The Durgapur OC Project of WCL-Chandrapur Area have taken effective precautions as mentioned in their Environment Management Plan and Environmental Clearance Conditions. Environment Clearance obtained for Durgapur OC Mine from the Ministry of Environment, Forest Clearance & Climate Change vide letter no. J-11015/56/2008-IA-II (M) dated 10th November 2017 for 3.00 MTPA. Durgapur OC Mine is an ongoing project. According to the EC obtained and as per Environment Management Plan of the Durgapur OC the following activities have been proposed. We herewith mention several initiatives which are helpful to avoid choking of streams and soil erosion as per the approved *Project Report (Sl. No. 16.4 - Air Quality Management page no.86)*.

(i) Suppressive Measures for controlling Air Pollution

Ambient Air quality of the existing Durgapur Extension (Deep) OC Project is being regularly monitored as per Environmental Protection Amendment Rules 2000, and the same would be continued for the proposed project after getting statutory clearances.

The dust generated during the mining operation viewed as one of the reason for choking of streams and nearby water bodies. It is to inform that the Coal produced by Durgapur Opencast Project is being transported through an aerial rope conveyor belt which links the Coal Handling Plant to the CSTPS Outlet.

Ambient Air Quality will be controlled by black topping of roads, water spraying on roads, biological reclamation of OB dumps, green belt around CHP, OB dump and along coal transportation roads on both sides etc. In addition to the above following measures are being taken for controlling Air Pollution in and around the project area.

- a. Black topping of road - Approx. 5 km coal transport road is tarred (black topped) to reduce dust emissions.
- b. Biological reclamation of OB Dumps

- c. Water spraying is to be carried out on haul road at regular interval during each shift. 70 no of sprinklers are provided along Coal transport road, approach road to weighbridge and Coal stock yard
- d. Water spraying arrangements created at dust generating points in CHP, feeder breaker, conveyor transfer points etc. Adequate number of Mist spray & 12 Numbers of Sprinklers arrangement also function at CHP premises
- e. 4 No. of Mobile tankers are deployed on Haul roads and Coal Transport roads.
 - a. Green belt around CHP, OB Dump and along Coal Transportation Roads on both sides etc.
 - b. Proper maintenance of all internal combustion engines to reduce smoke and exhaust fumes.
 - c. Dust extractors in working condition in all the drills
 - d. Perimeter tipping of external overburden dumps. Tree plantation on the slope of the perimeter dump.
 - e. Water spraying mixed with safe and non-toxic dust suppression chemicals on haul roads during dry months.
 - f. Coal transportation in trucks covered with tarpaulin.
 - g. Avoiding overloading of trucks.
 - h. Frequent cleaning of coal transportation road.

(ii) Industrial Effluent

The used water from the industrial area comprising CHP, Workshop, Garage etc. may be contaminated with grease, oil, coal dust, dirt etc. This water will be allowed to settle and suitable treatment will be carried out in oil and grease trap. Thereafter the treated water will be mostly recycled. To avoid any discharge of effluent into natural watercourses, sewage disposal arrangement has been envisaged. Combined Open Surface Drains, Sewerage disposal arrangement for service buildings, Sedimentation Tank, Effluent Treatment Plant, Plantation and Air Monitoring have been envisaged in the approved Project Report of Duragpur Extn. Deep OC Project in Appendix A.8.4 (A)

Industrial waste water is being collected properly. Clear water coming out from the treatment plant is taken into the closed water circuit and recycled for its reuse. Workshop ETP of 150 KLPD capacity in operation with presettling tank, drain, oil & grease trap, sedimentation tank & clear water tank. The treated effluent is reused for washing of HEMM & dust suppression. There is no discharge of effluents to outside nallah. All parameter of ETP waste discharge is being monitored regularly as per Env. (Protection) Amendment Rule, 2000 and the same shall be done for expansion project.

(iii) Mine Water

Mine water discharge is collected on fortnightly basis in plastic zaricane and is transported to the laboratory for analysis. Mine water is made to pass through mine sump and surface sedimentation pond tanks with adequate retention time for settling of suspended particles before it discharged outside.

The quantity of mine water pumped out would vary according to the season. The mine water may contain various impurities like coal dust, traces of grease, oil etc. in various proportions. The mine water would be allowed to collect in the quarry sump where primary settling would take place. The water would then be pumped into secondary settling tanks on the surface. Here the water would be allowed to settle and thereafter part of treated water will be utilized for meeting IN-House water requirement (like dust suppression, watering of plants, washing of HEMM, potable use etc)

For mine discharge water, treatment by way of neutralization followed by settling tank with capacity of 1350 CUM has been constructed in such a way that the mine water loaded with suspended solids pass through it before being discharged to the nearby natural water courses. Mine water discharge is collected on fortnightly basis in plastic zaricane and is transported to the laboratory for analysis. The existing and

the proposed arrangement of mine water treatment is sufficient to take care of the needs of the project lifetime.

(iv) Surface Run Off

The rain water flowing down overburden dumps is collected foot drains and then channelized to the main drainage system. This water contain suspended particles from OB dumps. This results in additional contamination of water and erosion of dumps.

Peripheral trenching is recommended near external OB dumps for coursing the run-off and leached water from the dumps. If required, the water may be sent to surface settling tanks before discharging it into the drainage channels (16.2 in page no.44 of Project Report)

As per approved EMP of May 2019, following mitigation measures are proposed:

- (i) Garland drains on periphery to prevent surface run-off from entering into the quarry,
- (ii) Catch drain around the dumps for avoiding siltation and
- (iii) Sedimentation ponds for reducing the pollution of surface water bodies.

In case of OB benches in the quarry, cross drainage have been provided which carries silt and sediments in to main sump, made at the floor of the seam which will accumulate all the silts and act as first stage settling pond. The water is then pumped out through pumps on to the surface and discharge in to surface settling tank/sedimentation pond. The clear water from the surface sedimentation tank is used for watering the mine area, roads and green belt development. In addition, Garland drain have also been provided around the periphery of the excavated area, which carries surface run-off and the **drains are regularly desilted before onset of monsoon**. Theses drains allow accumulation of silt materials and sufficient retention time for settling of silt materials.

(v) Plantation

Plantation is an important tool to combat air pollution, noise pollution and to prevent soil erosion. In Plantaton on the dumps helps in preventing contamination of water and soil erosion. In addition to this it gives an aesthetic look to the area.

Adequate numbers of vegetation will be grown on the top surface and slopes of the dumps in order to arrest the erosion of soil and it also reduces surface run-off, which helps averting siltation of natural watercourses.

Afforestation has been carried out over an area of 366.24 Ha with the plantation of more than 13.41 lakh nos of trees of different species. Plantation has been carried out on waste dump, road side, near offices & colony. Apart from regular plantation, a project in colobration of CSIR – NEERI, Nagpur has been carried out for the plantation of 30000 trees of 65 different varieties of floral species native to Tadoba Andhari Tiger Reserve(TATR) over 10 Ha on dump “ E “ for recreating the biodiversity of TATR.

Budget Provisions of approved Project Report under the Environment Pollution Control Measures as per **Appendix A.8.4(A)** of the Project is re-produced below :

Sl. No.	Particulars	No.	Unit Cost	Total Amount (In Lakh)
1	Sedimentation pond for treatment of mine waste water	LS	LS	15.00
2	Effluent treatment plant for treatment of workshop effluent	LS	LS	10.00
3	Base line environmental data generation and scientific studies related to environment	LS	LS	10.00
4	Installation of fixed type sprinklers for Dust Control (including water reservoir, pump, pipeline, etc.)	LS	LS	35.00

5	Plantation during First three year			15.00
6	Digital Mapping for land use plan	LS	LS	10.09
7	Air Monitoring (CAMS)	LS	LS	60.00
	TOTAL			155.09

MONITORING ORGANISATION

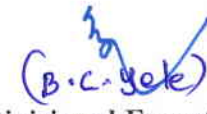
To have a close watch on the environmental condition and implementation of the various measures suggested, a multi-disciplinary approach is being followed.

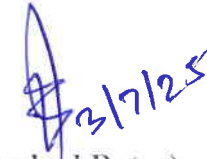
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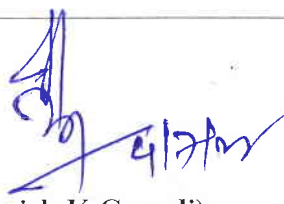
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- Project Officer is responsible for mechanical reclamation of the area. He is also responsible for biological reclamation with the assistance of GM's office.

ORGANISATION FOR MANAGEMENT

Sl.No.	Measures / Action		AGENCY
1	Environmental Control	1	General Manager, Chandrapur Area
		2	Area Nodal Officer (Environment), Chandrapur Area
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		5	Horticulturist


Divisional Forest Officer (Asst.)
 Chandrapur Division
 Chandrapur District, M.S.


(Harshad Datar)
 Area General Manager
 Chandrapur Area


(Harish K Gawali)
 Sub Area Manager
 Durgapur Sub Area



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited

मिनिरत्न कम्पनी

(A Miniratna Company)

कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626



क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र

पता: वे.को.लि., चन्द्रपुर क्षेत्र, पो: बाबुपेठ, जिला: चन्द्रपुर,

महाराष्ट्र, पिन: 442304

Email: agmehandrapur.wcl@coalindia.in

Office of Area General Manager, Chandrapur Area

Address: WCL, Chandrapur Area, PO: Babupeth,

Dist: Chandrapur, MS, PIN: 442304

Fax: 07172-255287, Phone: 07172-253322-25

Condition No: xii(b)

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding plantation of drought hardy plant species and sowing of seeds)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *the 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 for which Stage I Forest Clearance accorded by the vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*

(Harish K Gawali)

**Sub Area Manager / Project Proponent
Durgapur Sub Area**

Date : 04/07/25

Place : Chandrapur

**WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA
DURGAPUR OPENCAST PROJECT**

**PLAN FOR PLANTING ADEQUATE DROUGHT HARDY PLANT SPECIES
AND SOWING OF SEEDS TO ARREST SOIL EROSION**

Generally soil erosion is less severe in forest land than in arable lands. The canopy cover provided by the trees and extensive tree roots are the stabilising forces in forest plantations which keep erosion checked. Fine roots serve as cohesive binders for topsoil and where larger roots penetrate surface layers, they anchor the topsoil to the subsoil. This is the reason why poor or other sites with limitations are put under trees to fulfil a protective function like erosion control.

Prevention is better than cure approach is apt in low-input forest plantations and here erosion management requires proper action at the proper time. In this case, Environment Clearance obtained for Durgapur OC Mine from the Ministry of Environment, Forest Clearance & Climate Change vide letter no. J-J-11015/56/2008-IA-II (M) dated 10th November 2017 for 3.00 MTPA.

As per the Environment Management Plan, Plantation is considered as a major mitigative measure against Air, Water and Noise Pollution. For plantation purpose the area can be broadly divided in 4 zones.

- a) Area where ornamental trees shall be provided at colony area, schools, hospitals, community buildings, around play grounds
- b) Areas where different rows of trees including tall and fast growing varieties along with ornamental shady trees shall be provided at colony roads, haul roads, around industrial buildings, etc.
- c) Areas where sturdy and fast growing variety trees will be provided at OB dumps, backfilled areas etc.
- d) Avenue plantation, plantation around the quarry zone, plantation around industrial area like workshop, coal handling plant and around quarry edges shall use fast growing tall varieties of trees with rows of ornamental shady trees. The fast growing tall variety of trees like Eucalyptus will act as sound barriers, whereas ornamental shady trees will act to the aesthetic look of the area.

It is pertinent to mention that Durgapur Opencast Mine is an ongoing project and trees have been already planted over area with native species. Afforestation has been carried out over an area of 366.24 Ha with the plantation of 13.41 Lakh nos of drought hardy species and sowing of seeds of different species like Teak, Sewan, Shishu, Bamboo, Neem, Karanj, Awala, Amrut, Viliati Imli, Cassia semmia, Gledicia, Eucalyptus etc. plantation has been carried out on waste external OB dumps, road side, near offices & colony. Mine Lease boundary of this project is being maintained as green belt.

In addition to the above, financial provision have also been made in the approved Project Report for augmentation / strengthening of existing Plantation as given below:

Sl.No.	Particulars	Capital Provision			References
		No.	Unit	Total Amount	
1	Plantation during First three year	LS	LS	15.00 Lakhs	PR Appendix – A.8.4(A)

PLANTTATIONS TRHOUGH WILDLIFE MITIGATION MEASURES:

As per the recommendations of the Wildlife Institute of India, Dehradun, wildlife mitigation measures worth Rs.18.07 Crore had been approved by the Committee under the Chiarmanship of the Principal Chief Conservator of the Forests (PCCF-CWLW), Maharashtra State on dated 12.07.2022. According to this wilidfe mitigation measures, initiatives for planttaion of native species in and around the project is suggessed as given below:

Sr. No	Type of Mitigative Measure	Quantity	Rate	Amount (in Lakh)
1	Plantation on Dump, OB asspecified.	303.76 ha 1.90 Lakh plants	Rs 263.24/ plant	500.15
2	Grass plantation overlapping Polypot planting	100.00 Ha 5.00 lakh plants	Rs 51.40 / plant	257.00
3	Gap planting and Grass Development in old plantations	366.24 ha	Rs 10000 / Ha	36.62
	Total			793.77

MONITORING ORGANISATION

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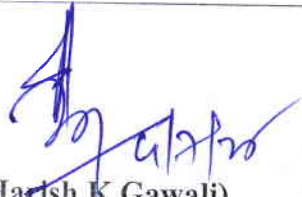
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क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र
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महाराष्ट्र, पिन: 442304
Email: agmchandrapur.wcl@coalindia.in

Office of Area General Manager, Chandrapur Area
Address: WCL, Chandrapur Area, PO: Babupeth,
Dist: Chandrapur, MS, PIN:442304
Fax:07172-255287, Phone: 07172-253322-25

Condition No: xii(c)

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

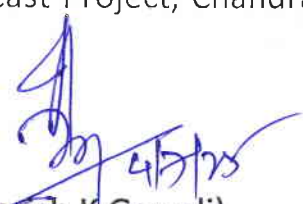
Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding construction of check dams, retention / toe walls)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we undertake that *we shall construct check dams, retention / toe walls along the contour to arrest sliding down of the excavated material wherever required in accordance with the approved scheme for which Stage I Forest Clearance accorded by the vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*


(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur

**WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA
DURGAPUR OPENCAST PROJECT**

**SCHEME FOR CONSTRUCTION OF CHECK DAM, RETENTION WALLS /
TOE WALLS TO ARREST SLIDING DOWN OF THE EXCAVATED MATERIAL**

INTRODUCTION –

Durgapur- Motaghat Block that extends over an area of about 6.50 sq.km. is located in Southern part of the eastern Limb of Wardha Valley Coalfield. The block is about 6 km from Chandrapur district Town. The block falls in Survey of India Top Sheet No. 55 P/8 and 56 M/5 and is bounded by latitudes: 19° 59' 37" and 20° 02' 08" N and longitudes: 79° 18' 10" and 79° 20' 27" E. The coordinates of the area on National Grid are N – 1081846.510 and 1086456.576 and Departure E–3031648.144 and 3035643.549 (Plate – I).

OBJECTIVE –

To arrest the sliding down of the excavated material

THE PLAN –

The proposed Forest Land 80.77 Ha is already broken for coal mining during the initial diversion period from 08.11.2005 to 07.11.2013. Renewal of Forest Clearance proposed for extraction of remaining coal reserve beneath the benches of 80.77 Ha Forest Land and to approach the adjacent diverted 121.58 Ha Forest Land. Once the mine comes into operation, suitable places for construction of Contours, Retention Walls and Check Dams will be provided wherever it is required. Also, the sliding down of excavated material, i.e., overburden will be arrested through proper benching, plantations, mitigative measures of soil erosions, etc.

The following activities are included in this plan:

- i. Catch drains / Garland Drains of size 3.5 Meters width & 2.5 Meters depth have been provided at the toe of the waste dumps and soil dums. The Total Length of Catch drains / Garland Drains already made is approximately 5.0 Kilometers.
- ii. Catch drain around the dumps for avoiding siltation
- iii. For the protection of excavated material sliding down, step dumping procedure is being followed.
- iv. A Slope Stability Study was conducted through IIT – Kharagpur for this project. As per the study, maximum height of OB dump proposed above ground level is 90 m. The maximum overall slope of the OB dump would be about 28°. The individual dump bench would be 30 m height and there will be two such benches in the OB dump with a berm of 30 m width in between the two benches. Each individual bench of 30 m height will be made in two tier of 15 m height with a berm of 6 m between these two layers.
- v. Before dumping, the dumping area shall be cleared of all loose material.
- vi. After completion of dumping operations, dumps will be stabilized by growing vegetation.

Financial provision have also been made in the approved Project Report in the Mine Development activities as follows:

Sl. No.	Particulars	Additional Capital	Reference
1	Scientific Study on Slope Stability, Hydro-geology, Drilling & Blasting and other Scientific Studies	100.00 Lakh	Appendix A.8.5
2	Miscellaneous	114.30 Lakh	Appendix A.8.1
	TOTAL	214.30 Lakh	

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		5	Horticulturist

(B.C. Yele)

Divisional Forest Officer (Addl.)
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Chandrapur District, M.S

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Area General Manager
Chandrapur Area

(Harish K Gawali)

Sub Area Manager
Durgapur Sub Area



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क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र

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Dist: Chandrapur, MS, PIN:442304

Fax:07172-255287, Phone: 07172-253322-25

Condition No: xii(d)

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding stabilization of overburden dumps)

On behalf of M/s Western Coalfields Limited, Chandrapur Area, we undertake *to 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°* for which Stage I Forest Clearance accorded by the vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.

(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/05/25

Place : Chandrapur

**WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA
DURGAPUR OPENCAST PROJECT**

**PLAN TO STABILIZE THE OVERBURDEN DUMPS
BY APPROPRIATE GRADING / BENCHING TO ENSURE THAT
ANGLES OF REPOSE AT ANY GIVEN PLACE IS LESS THAN 28°**

As per the approved Project Report (Feb 2017) total volume of Overburden works out to 319.44 MM³ in Durgapur OC Project including 1.65 MM³ soil from trench cutting along the periphery of the External Dump X and re-handling of 6.79 MM³ OB from different dumps. Planning of the proposed mine has been done to ensure maximum internal dumping so that external dumping could be minimized as far as possible. With this formula it is proposed to accommodate 116.85 Mm³ OB in External Dumps and the rest 202.59 Mm³ OB will be accommodated in the void of quarries as Internal Dumps. This quantity of OB material is proposed to be accommodated in different type of dumps as given below:

Sl. No.	Dump	Dump-Capacity (Mm ³) as on 01.04.2016
A)	External Dumps	
1	Dump - X	90.11
2	Merging of Dump - X with Kargil Dump	10.51
3	On existing Dump – C & D	9.44
4	Merging of Dump – I with Dump -- A+B	6.79
	Sub-Total (External Dumps)	116.85
B)	Internal Dumps	
5	Void of Sector - V	166.61
6	Void of Sector - IV	8.36
7	Void of Sector – IC, II & III	27.62
	Sub-Total (Internal Dumps)	202.59
TOTAL (EXTERNAL + INTERNAL DUMPS)		319.44

SLOPE STABILITY

As per the approved proeject report following actions are proposed to maintain slope stability.

- i) Vulnerable area may be identified and marked on quarry plan.
- ii) Observation of actual alignment of fault, its throw, joints, etc. may be recorded during the process of exploitation.
- iii) Water drainage system may be properly implemented to prevent accumulation of water in cracks. Also dumps shall be leveled to prevent accumulation of water over it. Proper drainage in dumps shall also be provided to prevent erosion of toe of dump.

- iv) Regular monitoring of tension cracks, horizontal and vertical movement of strata in critical area may be done.
- v) Rise side slope to be reinforced if required because it has to stand throughout quarry life. No dumps/surface structures to be located within 15m of quarry edge as it will act as surcharge there by destabilizing the slope.
- vi) No undercutting of slopes to be done.
- vii) Proper hydrogeological studies to be done and if water table is at level of slope it should be brought down by using submersible pumps to prevent hydrostatic pressure.
- viii) Proper selection of site for dumping to be done before dumping place shall be made free from loose material. Dumping shall not be done at an angle more than angle of repose of material being dumped. The angles of repose at any given place will be maintained as less than 28° only.
- ix) After completion of dumping operations dumps to be stabilized by growing vegetation.
- x) Every person deployed by leaser of HEMM must be trained & briefed about aspects related to slope stability.

Scientific Study by IIT-Kharagpur on Slope Stability at Durgapur OC Project

A Slope Stability Study had been conducted by the IIT – Kharagpur in the year 2019 vide Work Order no. WCL/CHA/AGM/ASO/19/4854 dated 22nd March 2019. The study is related to the compliance of Coal Mine Rules 2017, Reg. 106 (2) Method of working, ultimate pit slope, dump slope and monitoring slope stability at Durgapur OCM of Chandrapur Area, WCL. Copy of the Work Order enclosed along with this plan. As per the scientific study several conclusions and recommendations have been made by the expert team of IIT-Kharagpur as follows:

- a) The external dumps can be heightened up to 90m height and internal dump up to 180m height, maintaining the suggested design parameters. The external dump slope configuration shall have 30 m individual bench height and 20 m bench width. This provides sufficient space for plantation. It is recommended that simultaneous revegetation of dump slope should be carried out wherever possible.
- b) The distance of the toe of the dump from the coal edge should be at least 100 meters.
- c) The dump should be regularly inspected for physical indicators viz. tension cracks, slope bulging, floor heaving, boulder movement etc along with any of the suggested slope monitoring scheme.
- d) Further, all measures should be taken to prevent accumulation of water in the dumps so that pore water pressure does not induce significant forces on the slopes. Sufficient precautionary measures to be taken for preventing soil erosion on the slope of the dumps.
- e) Proper channeling of water from dump stack should be done and water should be treated before discharging into local water bodies.
- f) Special precautionary measures might be taken to keep all the slopes stable. This may include
 - i) continuous monitoring of the slope surface
 - ii) possible flattening of the slopes

- iii) reducing seismic loading by control blasting, avoidance of heavy vehicle movement etc.
- iv) measures for preventing water accumulation in the dumps.
- g) If any abnormal deviation or displacement is observed then the working in the vicinity of the area should be immediately stopped. The men and materials deployed in the same area should be withdrawn immediately. Further, the following measures may be adopted:
 - i) Protective measures should be taken up and initiated to arrest the displacement from progressing further.
 - ii) Possible measures in regards to reduction of height and / or increase of width, as per suitability, may be taken up for further reduction of the propensity to geo-hazards and progress of mine development work.
 - iii) Increase in the density of monitoring stations and increase in physical inspection should be done to keep constant vigilance on the deterioration of slopes.
 - iv) The matter may be brought into the notice of competent authority for further needful actions.
 - v) In cases of dumps: Possibility of using vegetation in the toe areas to make it less saturated. The overall slope may also be vegetated if possible to avoid slope erosion.

Budget provisions to stabilize the Over Burden dumping and monitoring of the slope are given in the approved Project Report as follows.

Sl.No.	Particulars	Capital Provision			References
		No.	Unit	Total Amount	
1	Slope Monitoring Radar	LS	LS	800.00 Lakhs	Appendix –A.3.6
2	Scientific Study on slope stability etc	LS	LS	100.00 Lakhs	Appendix –A.8.5

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WESTERN COALFIELDS LIMITED
OFFICE OF THE GENERAL MANAGER
CHANDRAPUR AREA
PO. BABUPETH, DISTRICT CHANDRAPUR, MAHARASHTRA-442403

61
AK

Ref. No.: WCL/CHA/AGM/ASO/19/ 4854

Date: -22.03.2019

To,
The Director
IIT, Kharagpur - 721 302

Attention: Asst. Prof. Koushik Dey.
Department of Mining Engineering,
IIT, Kharagpur

Sub : Work order for the work of Scientific study for compliance of CMR- 2017, Reg. 106 (2) Method of working, ultimate pit slope, dump slope and monitoring slope stability at Durgapur Ext.(Deep) OCM of Chandrapur Area, WCL

Dear Sir,

With reference to your offer DT. 6/02/2019 against our enquiry letter No. WCL/CHA/AGM/ASO/2018-19/3750 Dt. 29/01/2019 for the work of Scientific Study related to compliance of CMR- 2017, Reg. 106 (2) Method of working, ultimate pit slope, dump slope and monitoring slope stability at Durgapur Ext.(Deep) OCM of Chandrapur Area, WCL, we hereby award the subject work with the following terms and conditions:-

A. Scope of work

1. Job; Conduct a Scientific study for compliance of CMR- 2017, Reg. 106 (2): Method of working, ultimate pit slope, dump slope and monitoring slope stability.
2. Study of internal and external dumps, with respect to stability.
3. To suggest safe OB dump profile of internal and external dump and system of monitoring dumps with available resources on cost effective method.
4. The duration of study will be within Ninety days , including submission of reports.
5. WCL shall provide accomodation and local Transportation at Chandrapur Area.

B. Methodology of the study

1. Sample collection from the OB benches and coal benches and dumps.
2. Testing of samples for determination of Geotechnical properties.
3. 3 critical cross sections provided by the mine management to conduct slope stability study for ultimate pit and dump slopes each.
4. outputs of locally conducted reconnaissance survey, contour map survey, topographical survey, hydrogeological surveys, L-section and cross-section.
5. IIT Study team will carry out suitable modelling for stability status of the dumps (internal and external) and based on the output of the study detailed reporting would be done.
6. Preparations of execution and monitoring systems for these dumps & OB benches
7. Submission of final report covering all above points

C. Facilities to be provided by WCL

1. Assistance for data collection and field work will be provided.
2. local hospitality will be provided for the study team.
3. No logistics shall be provided for the study.

D. Duration of the study.

Three Months from zero date i.e. receipt of work order by IIT, Kharagpur. However report is expected at the earliest possible.

E. Terms and Schedule of payment

Break-up of Cost estimate

Consultancy fee by IIT, Kharagpur Rs. 5,50,000 + 18% GST Rs 99,000 = Rs 6,49,000/-
50% of Total Rs. 6,49,000/- (Rs. Six Lakh Forty nine thousand only) = Rs 3,24,500/-
(Three Lakh twenty four thousand five hundred only) as an advance may be paid along with work order.

The bank and other details of IIT, Kharagpur is as flows :-

Name of Beneficiary : SPONSORED RESEARCH & INDUSTRIAL
CONSULTANCY, IIT, KHARAGPUR

Address : Indian Institute of Technology, Kharagpur
Department of Mining Engineering,
Kharagpur – 721 302

Bank Name : Syndicate Bank
Bank Account number : 95562010000805
IFSC Code : SYNB0009556

As per the above terms of payment, Rs. 3,24,500/- is being made through EFT. Please acknowledge the receipt of the same to the email id. asochandrapur@gmail.com.

Acceptance of order : Acceptance of this work order shall be communicated to Area General Manager, Chandrapur Area immediately on receiving of advance payment to the email id gmwclcha@gmail.com followed by hard copy.

Thanking you.

Yours Faithfully,

24/3/2019

Area General Manager
Chandrapur Area

CC to :-

1. General Manager (S&C), WCL, NGP
2. Sub Area Manager Durgapur Sub Area
3. Area Safety Officer, CHA
4. AFM, CHA - BC No RB/CHA/Area/E&M – Steel support/Spl. Safety 63/22/2018-19
Dt. 19/03/2019. For Rs. 3,24,500/- (Rs. Three Lakh twenty Four thousand five hundred only)
5. Manager, DOCM, CHA

Project No.: IIT/SRIC/MI/SRMD/2018-19/143

SCIENTIFIC STUDY RELATED TO METHOD OF WORKING,
ULTIMATE PIT SLOPE & DUMP SLOPE AT DURGAPUR
(EXT.) DEEP OCM, CHANDRAPUR WCL

by

Prof. Debashish Chakravarty

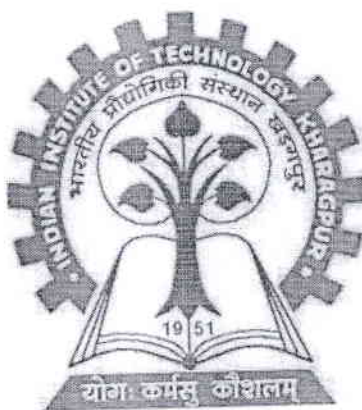
Debashish Chakravarty

Prof. Biswajit Samanta

B. Samanta

Dr. Kaushik Dey

Kaushik Dey



Department of Mining Engineering
Indian Institute of Technology, Kharagpur
October 2019

64

Large scale areas can be quickly mapped and it provides an excellent record of the changes in pit faces over time. Any normal high resolution digital camera may set up on a tripod and its position is surveyed with maximum accuracy. Digital image is taken of the face in question, which must include a surveyed reference point of some type. The tripod is then moved to a new location with fixed known distance (e.g. 50 m), its position is surveyed and a second digital image is taken of the same face satisfying an overlap of 90%. This can be repeated for all the areas on the slope. These are then combined and converted into a 3D image which is accurate to 1 degree orientation. The 3D image is made up of 2 parts – a 3D point cloud and a 3D photograph. The obtained readings will often be more accurate.

- Radar monitoring- A slope stability radar (SSR) may provide early warning of rapid brittle failures that is imminent at a particular location of the slope and may appear to occur instantaneously. The SSR scans a 10,000 m² area in one minute and thus can provide early warning of any imminent failure for evacuation purposes. SSR can scan almost 24 hours a day, in all weather conditions from a position on the crest. This is a mobile setup which may be quickly positioned at different locations depending on the need. Additionally, a camera is fixed to the dish and photographs can be taken whenever required. Once set up and turned on, the SSR takes some photographs which are converted to a mosaic of the entire area that it can see and scan. The single scan time is dependent on the size of the slope area and the distance from the slope. The operator can also mask out areas that could cause false alarms for example where trucks and shovels are operating or where loose material is situated. Suitable alarms are there to alert the geotechnical engineers of potential / urgent problem and evacuation of the risky area in the area follows. When movement exceed the set limits then a red flashing alarm screen appears with instructions on what the operator must do. At the same time, SMS's are sent out to all members of the geotechnical division. Thus this ensures that the workers are notified of imminent failure and can evacuate without the communication from the control room.

8.0 Conclusions and recommendations

The slope stability analysis of the pit slopes and dump slopes in mines are done using Morgenstern-Price method. The FOS values of the studied structures were estimated in different loading conditions. The FOS values for the all the sections analyzed have shown mixed effect. Some of the pit slopes

such as A-A', B-B' and C-C' are found to be safe as the values are above the reference value of 1.5 for long-term stability. However, the pit slope sections like D-D', E-E', F-F' and G-G' are unstable from long-term stability point of view. On the other hand, the dump slopes (both external and internal) are found to be safe.

- a) The external dumps can be heightened up to 90m height and internal dump up to 180m height, maintaining the suggested design parameters. The external dump slope configuration shall have 30 m individual bench height and 20 m bench width. This provides sufficient space for plantation. It is recommended that simultaneous revegetation of dump slope should be carried out wherever possible.
- b) The distance of the toe of the dump from the coal edge should be at least 100 meters.
- c) The dump should be regularly inspected for physical indicators viz. tension cracks, slope bulging, floor heaving, boulder movement etc along with any of the suggested slope monitoring scheme.
- d) Further, all measures should be taken to prevent accumulation of water in the dumps so that pore water pressure does not induce significant forces on the slopes. Sufficient precautionary measures to be taken for preventing soil erosion on the slope of the dumps.
- e) Proper channeling of water from dump stack should be done and water should be treated before discharging into local water bodies.
- f) Special precautionary measures might be taken to keep all the slopes stable. This may include
 - i) continuous monitoring of the slope surface
 - ii) possible flattening of the slopes
 - iii) reducing seismic loading by control blasting, avoidance of heavy vehicle movement etc.
 - iv) measures for preventing water accumulation in the dumps.

If any abnormal deviation or displacement is observed then the working in the vicinity of the area should be immediately stopped. The men and materials deployed in the same area should be immediately withdrawn immediately. Further, the following measures may be adopted:

- (i) Protective measures should be taken up and initiated to arrest the displacement from progressing further.
- (ii) Possible measures in regards to reduction of height and / or increase of width, as per suitability, may be taken up for further reduction of the propensity to geo-hazards and progress of mine development work.
- (iii) Increase in the density of monitoring stations and increase in physical inspection should be done to kept constant vigilance on the deterioration of slopes.

- (iv) The matter may be brought into the notice of competent authority for further needful actions.
 - (v) In cases of dumps: Possibility of using vegetation in the toe areas to make it less saturated.
- The overall slope may also be vegetated if possible to avoid slope erosion.

References

1. S. E. I. P. Ltd, "Leachate Study of Overburden Dumps & Mineral Storage Areas," 2012.
2. S. K. Reddy and A. R. Babu, "Stability analysis of an open pit slope," in Recent **Advances in Rock Engineering**, 2016.
3. S. B. Mickovsk, E. Cammeraat and R. van, *Slope Stability and Erosion Control: Ecotechnological Solutions*, 2008.
4. Morgenstern, N.R., and Price, V.E. 1965. The analysis of the stability of general slip surfaces. *Géotechnique*, 15(1): 79-93.
5. Morgenstern, N.R., and Price, V.E. 1967. A numerical method for solving the equations of stability of general slip surfaces. *Computer Journal*, 9: 388-393.
6. Zhu, D.Y., Lee, C.F., Qian, Q.H., and Chen, G.R. 2005. A concise algorithm for computing the factor of safety using the Morgenstern-Price method. *Canadian Geotechnical Journal*, 42(1): 272-278.
7. Cir (Tech.) (S & T) 2 Dt. 20.06.2001 to all coal mines
8. Cir (Tech.) (S & T) 2 Dt. 20.06.2001 to all coal mines
9. Regulation 106 of CMR 2017
10. Regulation 108 of CMR 2017
11. Revise Project Report (including mining plan) for Durgapur Extension Deep OCM, WCL, August 2016



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited
मिनिरत्न कम्पनी (A Miniratna Company)
कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)
CIN-U10100MH1975GOI018626



क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र
पता: वे.को.लि., चन्द्रपुर क्षेत्र, पो: बाबुपेठ, जिला: चन्द्रपुर,
महाराष्ट्र, पिन: 442304
Email: agmchandrapur.wcl@coalindia.in

Office of Area General Manager, Chandrapur Area
Address: WCL, Chandrapur Area, PO: Babupeth,
Dist: Chandrapur, MS, PIN: 442304
Fax: 07172-255287, Phone: 07172-253322-25

Condition No: xii(e)

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding top soil management)

On behalf of M/s Western Coalfields Limited, Chandrapur Area, we undertake that we shall undertake *that no damage shall be caused to the top-soil and the user agency will follow the top soil management plan for which Stage I Forest Clearance accorded by the vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*


(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur

**WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA
DURGAPUR OPENCAST PROJECT**

TOP SOIL MANAGEMENT PLAN

SCOPE

The Topsoil Handling Procedure (THP) applies to all project activities that are likely to cause disturbance to existing topsoil within the Mine Lease area. This procedure should be implemented in conjunction with other management plans like Sediment and Erosion Control Plan, Waste Management Plan, & Mine Closure Plan etc.

Top soil will be stacked properly with proper slopes at earmarked site with adequate measure and should be used for reclamation and rehabilitation of reclaimed areas. The top soil and external overburden shall be removed separately and stored in a separate heap, **duly covered with grass and vegetation** or utilized for reclamation of mined out area. Internal overburden shall be utilized for backfilling of mined out area. The backfilled area shall be biologically reclaimed.

TOPSOIL GEOMETRY

To maintain a maximum level of biological activity, the topsoil heaps should be constructed as follows

- 1- To provide maximum surface area.
- 2- To have slope capable of avoiding erosion and gully formation.

SLOPE

A slope of 1:3 (i.e. 18.5 Degree to Horizontal)

GUIDELINES FOR IMPLEMENTATION OF TOP SOIL HANDLING PROCEDURE:

All personnel from top management to contractor companies involved in mining projects need to be aware of, and are required to abide by the Topsoil Handling Procedure. The responsibilities of persons at different level of management include the following:

- Ensure the Topsoil Handling Procedure and its contents are communicated and enforced throughout the Project lease area and its entire project life.
- Review and approve the Topsoil Handling Procedure.
- Ensure appropriate surveys are undertaken by employees or contractors prior to stripping.
- Designate the areas for topsoil storage.
- Determine lengths and width and height of topsoil stockpiles.
- Ensure topsoil quality is analyzed in a laboratory approved by State Pollution Control Board.
- Provide job instructions for employees and contractors as per necessity with the purpose to raise
- Environmental awareness and ensure effective operations of the workers involved in the earthworks.
- Review and amend the Top soil handling procedure (THP) with respect to legal compliance with International standards and Indian laws, Environmental clearance conditions, Consent to Operate Conditions, other regulations and standards.

The legal requirements and amendments relevant to the subject will be communicated with the Mines Manager, Environmental Manager and Supervisor for implementation.

- Ensure specialist advice on topsoil handling is communicated to Heavy Earth Moving Machineries (HEMM) operators and project managers.
- Ensure contractors are inducted with site requirements applicable in this plan.
- Verify topsoil is removed and stockpiled in accordance with the Top soil handling procedure (THP).
- Conduct regular inspections of topsoil stockpiles and ensure they are properly demarcated.
- Ensure soil is stripped and relocated in accordance with a particular work plan and as specified in the Land Development Plan for proposed works.
- Keep records of topsoil movement and storage.
- Perform topsoil stockpile quality monitoring & Communicate results of the topsoil quality monitoring with Regulatory authorities in a timely manner.

EARMARKED PLACE OF TOPSOIL STORAGE

Surface cut proposed for 145 ha land (approximately) which is producing a quantity of 60 Lakh Cubic Meter top soil. Top Soil from this land will be removed and stockpiled in a phased manner.

1. A separate dump near to the north eastern side of Sinhala Village having 20 ha area is allotted.
2. As a part of mining activity, backfilling work at Sector 4 is under process. Once the backfilling is completed in Sector 5, around 125 Ha backfilled area of Sector 4 will be also used for stockpiling top soil.

GPS Coordinates of Sector 5 Backfilling Top Soil Dump		
Sr. No	Latitude	Longitude
1	20° 2'2.23"N	79°18'31.46"E
2	20° 1'53.93"N	79°19'14.43"E
3	20° 1'21.55"N	79°19'13.62"E
4	20° 1'29.82"N	79°18'31.06"E

GPS Coordinates of Sinhala Top Soil Dump		
Sr. No	Latitude	Longitude
1	20° 2'1.22"N	79°20'35.06"E
2	20° 1'58.47"N	79°20'36.93"E
3	20° 1'45.51"N	79°20'39.45"E
4	20° 1'41.09"N	79°20'37.70"E
5	20° 1'40.62"N	79°20'29.49"E
6	20° 1'44.76"N	79°20'27.01"E
7	20° 1'59.84"N	79°20'27.45"E
8	20° 2'2.70"N	79°20'30.99"E

MONITORING ORGANISATION


To have a close watch on the environmental condition and implementation of the various measures suggested, a multi-disciplinary approach is being followed.

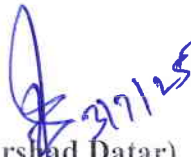
WCL, has an Environment Deptt. headed by General Manager (Env.) at its HQs. The department acts as an apex body which supervises and provides necessary support that are required for environmental management of various mining projects under the jurisdiction of the company.


- (b) Area Nodal Officer (Environment) monitors all aspects of environment on behalf of the Area General Manager. He will also take suitable steps for generation of environmental data along with CMPDI team for its analysis and interpretations.
- (c) Project Officer is responsible for mechanical reclamation of the area. He is also responsible for biological reclamation with the assistance of GM's office.

ORGANISATION FOR MANAGEMENT

Sl.No.	Measures / Action		AGENCY
1	Environmental Control	1	General Manager, Chandrapur Area
		2	Area Nodal Officer (Environment), Chandrapur Area
		3	SAM / Project Officer, Durgapur Sub Area
		4	Staff Officer, Civil, Chandrapur Area
		5	Environment Cell, WCL HQ
2	Environmental Monitoring	1	General Manager, Chandrapur Area
		2	Staff Officer, Civil, Chandrapur Area
		3	Area Nodal Officer (Environment), Chandrapur Area
		4	SAM / Project Officer, Durgapur Sub Area
		5	Environment Cell, WCL HQ
3	Reclamation	1	SAM / Project Officer, Durgapur Sub Area
		2	Area Nodal Officer (Environment), Chandrapur Area
		3	Colliery Surveyor
		4	Environmental Supervisor
		5	Horticulturist


(B.C. Yele)
Divisional Forest Officer (Addl.)
Chandrapur Division
Chandrapur District, M.S.


(Harshad Datar)
Area General Manager
Chandrapur Area


(Harish K Gawali)
Sub Area Manager
Durgapur Sub Area

F.No. 43015/28/2017-LAIR(Vol.II)

Government of India

Ministry of Coal

Lok Nayak Bhawan, New Delhi-110 003

Dated the 11th December, 2019

To

The Chairman-cum-Managing Director,
Western Coalfields Ltd.,
Coal Estate, Civil Lines,
Nagpur-440001.

Subject: Acquisition of forest land under Coal Bearing Areas (Acquisition & Development) Act, 1957 and applicability of provisions of MMDR Act, 1957 along with MC Rules, 1960 over the land/ rights acquired under Coal Bearing Areas (Acquisition & Development) Act, 1957.

Sir,

I am directed to refer to WCL's letter No.WCL/MP(L/R)/MK/750 dated 9.10.2019 and WCL's letter No.WCL/GM/L&R/AK/491 dated 16.05.2018 on the above mentioned subject. The requisite clarification of Ministry of Coal in the matter is as under:-

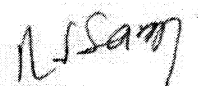
By virtue of the provisions of section 10 and 11 of the Coal Bearing Areas (Acquisition and Development) Act, 1957, the land or the rights in or over the land acquired under the Act vest absolutely with the Central Government or the nominee, that is, a Government Company. The land gets vested in the Central Government on the publication of notification under Section 9 and thereafter in the Govt. Company on the publication of declaration under Section 11(1) of the ibid Act. Accordingly, since the land acquired under the Act vests absolutely in the Government Company, there is no necessity for execution of Mining Lease with the State Government. The issue of requirement of Mining Lease in case of lands acquired under CBA Act has been settled by Hon'ble Supreme Court in Bharat Coking Coal Ltd Vs. State of Bihar [1987 (Suppl) SCC 394], wherein the Court observed that "once the acquisition is made under the Coal Bearing Areas (Acquisition and Development) Act, 1957, requisite declaration was issued by the Central Government, it was not open to the State Government to grant Lease as the land vests in the Central Government". The said findings of the Hon'ble Supreme Court has also been followed by the Division bench of High Court of MP in Western Coalfields Limited and Ors vs State of MP and Anr (AIR 2007 MP 75).

2. Since the subject land was acquired under the CBA(A&D) Act, 1957 and vests absolutely in the Government Company, neither the execution of mining lease with the State Government is required as per statute nor there is any necessity as it was not open to State Government to grant lease and therefore provisions of MMDR Act, 1957

N.S. Samy

along with the Mineral Concessions Rules, 1960 does not apply over the land/rights acquired under CBA(A&D) Act, 1957. Therefore the land in respect of Tawa-II UG, Satpura-II UG, Shobhapur UG mine of Pathakhara area and similar acquisition of WCL acquired under Section 9(1) of CBA (A&D) Act, 1957, the provisions of MMDR Act, 1957 and MC Rules, 1960 does not apply.

Yours faithfully,



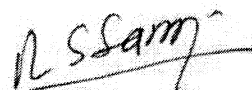
(Ram Shiromani Saroj)

Deputy Secretary to the Government of India

Tel: 011-24616989

Copy to the following for necessary action:-

1. Shri Sandeep Sharma, AIG of Forests(FC), Ministry of Environment, Forest and Climate Change, Forest Conservation Division, Indira Paryavaran Bhavan, Aliganj, Jorbagh Road, New Delhi-110003.
2. The Principal Secretary, Government of Maharashtra, Department of Land Resources and Minerals, Mantralaya Mumbai.
3. The Principal Secretary, Government of Madhya Pradesh, Department of Mines and Minerals, Vallabh Bhavan, Secretariat, Bhopal.



(Ram Shiromani Saroj)

Deputy Secretary to the Government of India



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited
 मिनिरत्न कम्पनी (A Miniratna Company)
 कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)
 CIN-U10100MH1975GOI018626



क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र
 पता: वे.को.लि., चन्द्रपुर क्षेत्र, पो: बाबुपेठ, जिला: चन्द्रपुर,
 महाराष्ट्र, पिन : 442304
 Email: agmchandrapur.wcl@coalindia.in

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 Address: WCL, Chandrapur Area, PO: Babupeth,
 Dist: Chandrapur, MS, PIN: 442304
 Fax: 07172-255287, Phone: 07172-253322-25

Condition No: xiv

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding Gap plantation and soil and moisture conservation activities)

On behalf of M/s Western Coalfields Limited, Chandrapur Area, we herewith undertake that *gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests (having crown density less than 0.4), if any, located in the area within 100 meters from outer perimeter of the mining lease either by WCL or through State Forest Department* for which Stage I Forest Clearance accorded by the vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.


 (Harish K Gawali)

Sub Area Manager / Project Proponent
 Durgapur Sub Area

Date : 19/8/2025
 Place : Chandrapur



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited

मिनिरत्न कम्पनी

(A Miniratna Company)

कोल इंडिया लिमिटेड की अनुषंगी कम्पनी

(A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626



क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र

पता: वे.को.लि., चन्द्रपुर क्षेत्र, पो.बाबुपेठ, जिला: चन्द्रपुर,

महाराष्ट्र, पिन: 442304

Email: agmchandrapur.wcl@coalindia.in

Office of Area General Manager, Chandrapur Area

Address: WCL, Chandrapur Area, PO: Babupeth,

Dist: Chandrapur, MS, PIN:442304

Fax:07172-255287, Phone: 07172-253322-25

Condition No: xv

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding desilting of village tanks and other water bodies)

On behalf of M/s Western Coalfields Limited, Chandrapur Area we herewith undertake that *the WCL shall regularly undertake desilting of village tanks and other water bodies, located within five km from the mine lease boundary, as per approved plan to mitigate the impact of project on such tanks/water bodies for which Stage I Forest Clearance accorded by the vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*

(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur

**WESTERN COALFIELDS LIMITED
CHANDRAPUR AREA
DURGAPUR OPENCAST PROJECT**

DE-SILTING OF VILLAGE TANKS & WATER BODIES WITHIN 5 KM RADIUS OF DOCM

SCOPE

As per the Stage I Condition No. xv - De-silting of Village tanks & Water Bodies will be carried out to mitigate the impact of mining activities. The dust generated due to the mining operations usually suppressed by dust control measures such as water sprinklers, black topping of roads, water spraying on roads, biological reclamation of OB dumps, green belt around CHP, etc.

WCL has identified 04 waterbodies (Ponds & lakes) within the 05 Kilometer area of Mine lease boundary namely, Mamla (Old), Mamla (New), Warwat Talav and Lohara Lake. During monitoring if any silt deposition is found it shall be de-silted in consultation with State Government / Irrigation Department as and when required.

GPS Coordinates of identified water bodies are as follows:

S.No	Name of Village Tank / Water Body	Distance	Latitude	Longitude
1	Mamla (Old)	3.87 km	20° 2.628'N	79° 22.858'E
2	Mamla (New)	1.85 Km	20° 2.185'N	79° 21.839'E
3	Warwat Talav	1.27 Km	20° 3.084'N	79° 20.211'E
4	Lohara Lake	2.90 Km	20° 2'47.79"N	79°19'48.91"E

5. Any other water bodies located in 5 km radius within forest land will also be de-silted by the User Agency as per requirement of the State Forest Department.

A Google plan showing the mining lease area of Durgapur OC Project, proposed village tanks / water bodies for de-silting within 5 kilometer radius area is enclosed along with this plan as **Page No. 77**.

WCL regularly paying Royalty and District Mineral Fund which will be used for various purposes aimed at improving the welfare of communities, development, and managing the impacts of mining activities. One of the key uses of royalty & District Mineral fund collected from coal mining includes, **Environmental Management and Rehabilitation**. Detail of latest Royalty & DMF enclosed as **Page No. 76a**.

- The royalty funds are used to address the environmental impact of coal mining, such as land reclamation, afforestation, and the restoration of ecosystems damaged by mining activities.
- It helps in funding projects aimed at controlling air and water pollution, soil conservation, and preventing further degradation of mining areas.
- District Mineral Fund is used for the reclamation and rehabilitation of land that has been degraded due to mining activities. This includes activities such as reforestation, land reclamation, and the restoration of water bodies.

MONITORING ORGANISATION

To have a close watch on the environmental condition and implementation of the various measures suggested, a multi-disciplinary approach is being followed.

WCL, has an Environment Deptt. headed by General Manager (Env.) at its HQs. The department acts as an apex body which supervises and provides necessary support that are required for environmental management of various mining projects under the jurisdiction of the company.


- (d) Area General Manager of the Chandrapur area coordinates the activities of various disciplines in the area to render all necessary assistance at the implementing level i.e. Project.


- (e) Area Nodal Officer (Environment) monitors all aspects of environment on behalf of the Area General Manager. He will also take suitable steps for generation of environmental data along with CMPDI team for its analysis and interpretations.
- (f) Project Officer is responsible for mechanical reclamation of the area. He is also responsible for biological reclamation with the assistance of GM's office.

ORGANISATION FOR MANAGEMENT

Sl.No.	Measures / Action		AGENCY
1	Environmental Control	1	General Manager, Chandrapur Area
		2	Area Nodal Officer (Environment), Chandrapur Area
		3	SAM / Project Officer, Durgapur Sub Area
		4	Staff Officer, Civil, Chandrapur Area
		5	Environment Cell, WCL HQ
2	Environmental Monitoring	1	General Manager, Chandrapur Area
		2	Staff Officer, Civil, Chandrapur Area
		3	Area Nodal Officer (Environment), Chandrapur Area
		4	SAM / Project Officer, Durgapur Sub Area
		5	Environment Cell, WCL HQ
3	Reclamation	1	SAM / Project Officer, Durgapur Sub Area
		2	Area Nodal Officer (Environment), Chandrapur Area
		3	Colliery Surveyor
		4	Environmental Supervisor
		5	Horticulturist


Divisional Forest Officer
Chandrapur Division
Chandrapur District, M.S


(Harshad Datar)
Area General Manager
Chandrapur Area


(Harish K Gawali)
Sub Area Manager
Durgapur Sub Area

19/8/2025

Contribution to State Exchequer by Chandrapur Area

Sl. No.	Year	Royalty Amount (Crores)	DMF Amount (Crores)	NMET Amount (Crores)	Total (Crores)
1	2018-19	125.44	37.63	2.50	165.59
2	2019-20	111.73	33.51	2.23	147.48
3	2020-21	102.13	30.64	2.04	134.82
4	2021-22	148.63	44.59	2.97	196.19
5	2022-23	172.10	51.63	3.44	227.17
6	2023-24	177.04	53.12	3.54	233.7
7	2024-25 (till Jan 25)	136.85	41.05	2.74	180.64
	Total	973.92	292.17	19.46	1285.59

Durgapur Opencast Project

Map showing waterbodies within 5 km radius

Legend

- 1 Warwat Talav
- 2 Mamla Old - 3.83 Km
- 3 Mamla New - 1.86 Km
- 4 Lohara Lake - 2.90 Km
- 80.77 Forest Land
- Mine Lease Boundary



Google Earth

Image © 2025 Airbus

[Signature]
PROJECT PROPONENT / SAM
DURGAPUR SUB AREA

[Signature]
03/07/25
MINE MANAGER
DURGAPUR OC PROJECT

[Signature]
03/07/2025
SENIOR OFFICER (SURVEY)
DURGAPUR OC PROJECT

[Signature]
(B.C. Gele)
Divisional Forest Officer (Addl.)
Chandrapur Division Chandrapur



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited

मिनिरात कम्पनी

(A Miniratna Company)

कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)

CIN-U10100MH1975GOI018626



क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र

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Condition No: xvi

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding re-grassing the mining area and restoration of the land)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that after ceasing mining operations, WCL shall undertake re-grassing the mining area and any other areas which may have been disturbed due to mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna, etc. for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.

(Harish K Gawali)

Sub Area Manager / Project Proponent

Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur



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Condition No: xvii

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding adequate care to check overburden/dumps)

On behalf of M/s Western Coalfields Limited, Chandrapur Area, we hereby undertake that *adequate care will be taken to check any rolling of overburden/dumps beyond the designated area and to check soil erosion caused due to mining activities* for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.

(Harish K Gawali)

Sub Area Manager / Project Proponent

Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur



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Condition No: xviii

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding Soil Conservation Measures)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *WCL will undertake comprehensive soil conservation measures at the project cost in consultation with the State Forest Department. A scheme for the same is submitted against this condition for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*

(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/2025

Place : Chandrapur

WESTERN COALFIELDS LIMITED

CHANDRAPUR AREA

DURGAPUR OPENCAST PROJECT

SCHEME FOR COMPREHENSIVE SOIL CONSERVATION MEASURES

INTRODUCTION

Durgapur- Motaghat Block that extends over an area of about 6.50 sq.km. is located in Southern part of the eastern Limb of Wardha Valley Coalfield. The block is about 6 km from Chandrapur district Town. The block falls in Survey of India Top Sheet No. 55 P/8 and 56 M/5 and is bounded by latitudes: 19° 59' 37" and 20° 02' 08" N and longitudes: 79° 18' 10" and 79° 20' 27" E. The coordinates of the area on National Grid are N – 1081846.510 and 1086456.576 and Departure E–3031648.144 and 3035643.549 (Plate – I).

OBJECTIVE

- To plan mining operations in such a way that **no or minimal** soil degradation and erosion, maintain or improve soil fertility, and enhance water infiltration and storage

THE PLAN

The Durgapur OC Project of WCL-Chandrapur Area have taken effective precautions as mentioned in their Environment Management Plan and Environmental Clearance Conditions. Environment Clearance obtained for Durgapur OC Mine from the Ministry of Environment; Forest Clearance & Climate Change vide letter no. J-11015/56/2008-IA-II (M) dated 10th November 2017 for 3.00 MTPA. Durgapur OC Mine is an ongoing project. According to the EC obtained and as per Environment Management Plan of the Durgapur OC the following activities have been proposed. We herewith mention several initiatives which are helpful to for soil conservation as per the approved Project Report.

(i) Industrial Effluent Management

The used water from the industrial area comprising CHP, Workshop, Garage etc. may be contaminated with grease, oil, coal dust, dirt etc. This water will be allowed to settle and suitable treatment will be carried out in oil and grease trap. Thereafter the treated water will be mostly recycled. To avoid any discharge of effluent into natural watercourses, sewage disposal arrangement has been envisaged. Combined Open Surface Drains, Sewerage disposal arrangement for service buildings, Sedimentation Tank, Effluent Treatment Plant, Plantation and Air Monitoring have been envisaged in the approved Project Report of Durgapur Extn. Deep OC Project in Appendix A.8.4 (A)

Industrial waste water is being collected properly. Clear water coming out from the treatment plant is taken into the closed water circuit and recycled for its reuse. Workshop ETP of 150 KLPD capacity in operation with presettling tank, drain, oil & grease trap, sedimentation tank & clear water tank. The treated effluent is reused for washing of HEMM & dust suppression. There is no discharge of effluents to outside nallah. All parameter of ETP waste discharge is being monitored regularly as per Env. (Protection) Amendment Rule, 2000 and the same shall be done for expansion project.

Adequate provisions are made at the workshop ETP, designed as a **zero-discharge system**. All ETP discharge parameters are monitored regularly in accordance with the Environment (Protection) Amendment Rules, 2000.

(ii) Mine Water

Mine water discharge varies seasonally and may contain impurities such as coal dust and traces of oil. It is first collected in the quarry sump for primary settling, then pumped into secondary settling tanks for further treatment. Treated water is reused for:

- Dust suppression
- Watering of plants
- Washing of HEMM, etc.

Garland drains/catch drains (2.0 m × 2.0 m) are constructed around the mine periphery (approx. 4.0 km) to prevent discharge of wastewater onto nearby land and to trap sediment from OB dumps. Treated mine water is discharged via sedimentation ponds and reused for dust suppression on haul roads, coal depots, and other operational areas.

(iii) Soil Conservation Via Afforestation Measures

Primary reason for loss of fertility of soil is degradation and Soil erosion which is significantly lower in forested areas. Tree canopies and root systems stabilize the soil. Fine roots bind topsoil, and larger roots anchor to subsoil layers. As a commitment towards the environmental clearance and green initiatives, adequate numbers of vegetation will be grown on the top surface and slopes of the dumps in order to arrest the erosion of soil and it also reduces surface run-off, which helps averting siltation of natural watercourses.

Afforestation has been carried out over an area of 366.24 Ha with the plantation of more than 13.41 lakh nos of trees of different species. Plantation has been carried out on waste dump, road side, near offices & colony. Apart from regular plantation, a project in collaboration of CSIR – NEERI, Nagpur has been carried out for the plantation of 30000 trees of 65 different varieties of floral species native to Tadoba Andhari Tiger Reserve (TATR) over 10 Ha on dump “E” for recreating the biodiversity of TATR.

- External OB dumps
- Roadside areas
- Near offices and colonies

The mine lease boundary is maintained as a **green belt**. Adequate vegetation is grown on dump surfaces and slopes to:

- Arrest soil erosion
- Reduce surface runoff
- Prevent siltation of watercourses
- Maintain natural soil quality

Prevention of Excavated Material Sliding

To prevent sliding of excavated materials:

1. Catch drains are constructed around dumps.
2. Step dumping is practiced.
3. Maximum OB dump height is 90 m with an overall slope of 24°.
4. Each bench (30 m height) is divided into two 15 m tiers with 6 m berms.
5. Dumping areas are cleared of loose material beforehand.
6. Vegetation is grown post-dumping for stabilization.

Slope Stability

As per the approved Project Report, the following measures are adopted:

- i. Catch drains / Garland Drains of size 3.5 Meters width & 2.5 Meters depth have been provided at the toe of the waste dumps and soil dums. The Total Length of Catch drains / Garland Drains already made is approximately 5.0 Kilometers.
- ii. Catch drain around the dumps for avoiding siltation
- iii. For the protection of excavated material sliding down, step dumping procedure is being followed.
- iv. A Slope Stability Study was conducted through IIT – Kharagpur for this project. As per the study, maximum height of OB dump proposed above ground level is 90 m. The maximum overall slope of the OB dump would be about 28°. The individual dump bench would be 30 m height and there will be two such benches in the OB dump with a berm of 30 m width in between the two benches. Each individual bench of 30 m height will be made in two tier of 15 m height with a berm of 6 m between these two layers.
- v. Before dumping, place of dumping will be made free from loose material.
- vi. After completion of dumping operations, dumps will be stabilized by growing vegetation.

FINANCIAL PROVISION IN THE PROJECT REPORT FOR SOIL CONSERVATION MEASURES AND OTHER ENVIRONMENTAL MANAGEMENT INITIATIVES:

Sl. No.	Particulars	Total Amount (In Lakh)
1	Sedimentation pond for treatment of mine waste water	15.00
2	Effluent treatment plant for treatment of workshop effluent	10.00
3	Base line environmental data generation and scientific studies related to environment	10.00
4	Installation of fixed type sprinklers for Dust Control (including water reservoir, pump, pipeline, etc.)	35.00
5	Plantation during First three year	15.00
6	Air Monitoring (CAMS)	60.00
7	Scientific Study on Slope Stability, Hydro-geology, Drilling & Blasting and other Scientific Studies	100.00
8	Miscellaneous	114.30
	TOTAL	359.30

MONITORING ORGANISATION

To have a close watch on the environmental condition and implementation of the various measures suggested, a multi-disciplinary approach is being followed.

WCL, has an Environment Deptt. headed by General Manager (Env.) at its HQs. The department acts as an apex body which supervises and provides necessary support that are required for environmental management of various mining projects under the jurisdiction of the company.

- (a) Area General Manager of the Chandrapur area coordinates the activities of various disciplines in the area to render all necessary assistance at the implementing level i.e. Project.
- (b) Area Nodal Officer (Environment) monitors all aspects of environment on behalf of the Area General Manager. He will also take suitable steps for generation of environmental data along with CMPDI team for its analysis and interpretations.
- (c) Project Officer is responsible for mechanical reclamation of the area. He is also responsible for biological reclamation with the assistance of GM's office.

ORGANISATION FOR MANAGEMENT

80

Sl.No.	Measures / Action	AGENCY	
1	Environmental Control	1	General Manager, Chandrapur Area
		2	Area Nodal Officer (Environment), Chandrapur Area
		3	SAM / Project Officer, Durgapur Sub Area
		4	Staff Officer, Civil, Chandrapur Area
		5	Environment Cell, WCL HQ
2	Environmental Monitoring	1	General Manager, Chandrapur Area
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		5	Environment Cell, WCL HQ
3	Reclamation	1	SAM / Project Officer, Durgapur Sub Area
		2	Area Nodal Officer (Environment), Chandrapur Area
		3	Colliery Surveyor
		4	Environmental Supervisor
		5	Horticulturist

(B.C. Yele)
Divisional Forest Officer (Addl.)
Chandrapur Division
Chandrapur District, M.S

(Harshad Datar)
Area General Manager
Chandrapur Area

(Harish K Gawali)
Sub Area Manager
Durgapur Sub Area



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Fax:07172-255287, Phone: 07172-253322-25

Condition No: xix

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding implementation of R & R Plan)

On behalf of M/s Western Coalfields Limited, Chandrapur Area, we undertake that we shall *implement the R & R Plan 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 may be monitored by the State Government/Regional Office of MoEF along with indicators for monitoring and expected observable milestones for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*

(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited
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Condition No: xx

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Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding translocation of trees)

On behalf of M/s Western Coalfields Limited, Chandrapur Area, we undertake that we shall *explore the possibility of translocation of maximum number of trees identified to be felled and felling if necessary it will be carried out under the strict supervision of the State Forest Department* for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.


(Harish K. Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur



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Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding tree felling)

On behalf of M/s Western Coalfields Limited, Chandrapur Area, we undertake that *the cost of tree felling for the proposed trees will be deposited with the State Forest Department before the handover of the 80.77 hectares of forest land for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*


(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur



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Condition No: xxiii

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding non-establishment of labour camp in the forest land)

The mining activities of this project are totally dedicated to cater power sector through Chandrapur Super Thermal Power Station at Chandrapur. Hence, the mining activities being carried out on 24 X 7 basis in 3 shifts a day. It is humbly submit that labourers are not staying or sheltered at the project site. Hence, there is no pressure on nearby forest land for firewood.

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *no labour camp will be established on the forest land* for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.

(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited
मिनिरत्न कम्पनी (A Miniratna Company)
कोल इंडिया लिमिटेड की अनुषंगी कम्पनी (A Subsidiary of Coal India Limited)
CIN-U10100MH1975GOI018626



क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र
पता: वे.को.लि., चन्द्रपुर क्षेत्र, पो.बाबुपेठ, जिला: चन्द्रपुर,
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Fax: 07172-255287, Phone: 07172-253322-25

Condition No: xxiv

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding demarcation of diverted forest land)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *the boundary of the diverted forest land, mining lease and safety zone, as applicable will be demarcated on ground at the project cost, as per directions given in the Stage I Forest Clearance (in-principle approval) accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*

(Harish K Gawali)

**Sub Area Manager / Project Proponent
Durgapur Sub Area**

Date : 04/07/25

Place : Chandrapur



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited

मिनिरत्न कम्पनी

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क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र

पता: वे.को.लि., चन्द्रपुर क्षेत्र, पो: बाबुपेठ, जिला: चन्द्रपुर,

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Condition No: xxv

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding layout of plan of the mining plan/proposal)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *the layout plan of the proposal will not be changed without the prior approval of the Central Government and the forest land will not be used for any other purpose other than that specified in the proposal* accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.

(Harish K Gawali)

**Sub Area Manager / Project Proponent
Durgapur Sub Area**

Date : 04/07/25

Place : Chandrapur



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Condition No: xxvi

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding transfer of forest land to other agencies)

On behalf **M/s Western Coalfields Limited, Chandrapur Area**, we undertake that *the forest land shall under no circumstances be transfer to any other agency, department or person without prior approval of the Central Government for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*


(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25
Place : Chandrapur



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(A Miniratna Company)
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क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र
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Condition No: xxvii

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

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UNDERTAKING

(Regarding no damage to the flora and fauna of the adjoining area)

On behalf **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *no damage to the flora and fauna of the adjoining area shall be caused* for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.


(Harish R Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited
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Condition No: xxviii

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding complying acts, rules, regulations, guidelines, etc.)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we undertake that we shall *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* for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.


(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25
Place : Chandrapur



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited
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Condition No: xxix

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding Annual Self-Compliance Report)

On behalf **M/s Western Coalfields Limited, Chandrapur Area**, we hereby undertake that *we shall submit the annual self – compliance report in respect of the Stage II conditions to the State Government, concerned Regional Office and to MoEF & CC by end of March every year for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*


(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur



वेस्टर्न कोलफील्ड्स लिमिटेड / Western Coalfields Limited
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Condition No: xxx

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding other conditions of the MoEF & CC)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we undertake that *we shall comply to any other condition that stipulated by the Ministry of Environment, Forests & Climate Change from time to time, in the interest of conservation, protection and development of forests & wildlife for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*


(Harish K Gawali)

Sub Area Manager / Project Proponent
Durgapur Sub Area

Date : 04/07/25

Place : Chandrapur



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क्षेत्रीय महाप्रबन्धक का कार्यालय, चन्द्रपुर क्षेत्र

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Condition No: xxxi

Name of the Proposal: Proposal for seeking prior approval of the Central Government under Section 2 (1)(ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 for renewal of mining lease over 80.77 ha forest land for Durgapur Open Cast Mine Project Maharashtra

Proposal No: FP/MH/MIN/6704/2014

Ministry File No: 123/2003-FCVOL. - I/109269/2025

UNDERTAKING

(Regarding violation of any of the conditions)

On behalf of **M/s Western Coalfields Limited, Chandrapur Area**, we undertake that *we understand that violation of any of the conditions will amount to violation of Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 and action would be taken as prescribed in para 1.16 of consolidated guidelines and clarifications issued under Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 as issued by the Ministry of Environment, Forests & Climate Change on dated 29.12.2023 for which Stage I Forest Clearance accorded vide Order No. 123/2003-FCVol. - I/109269/2025 dated 06th May 2025 for diversion of 80.77 Ha Forest Land for Durgapur Opencast Project, Chandrapur Area.*

(Harish K Gawali)

**Sub Area Manager / Project Proponent
Durgapur Sub Area**

Date : 04/07/25

Place : Chandrapur