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ଭୁବନେଶ୍ୱର, ରଦ୍ଦିବାର, ଅଗଷ୍ଟ ୨୪/୨୦୨୫ (୧୭ ମୃଷ୍ଣା+ଛୁଟିଦିନ)

Bhubaneswar, Sunday, August 24/2025 Page 16

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# Safal

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celebrating  
**60**  
—Years of—  
**Anokha Swad**

































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File No.: 529528/32-MINB1/03-2025

No. CAD-



GOVERNMENT OF INDIA

# MINISTRY OF ENVIRONMENT FOREST AND CLIMATE CHANGE

(Issued by the State Environment Impact Assessment Authority (SEIAA), ODISHA)

Dated: 22.08.2025

To,  
 Sri. Debendra Kumar Nanda, CVO & Land Officer  
 M/s. Odisha Mining Corporation Ltd.  
 OMC House, Post Box No. 34, Bhubaneswar,  
 Adjacent to Odisha Legislative Assembly,  
 Dist- Khordha, PIN-751001  
 parivesh@odishamining.in



Subject: Grant of prior Environmental Clearance (EC) to the proposed Mining Project under the provisions of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application submitted to SEIAA, Odisha vide proposal number SIA/OR/MIN/529528/2025 dated 20/03/2025 for grant of prior Environmental Clearance (EC) to the project Enhancement in Production capacity of Iron Ore from 0.328 million TPA to 0.995 million TPA from Tiringpahar Iron Ore Mine (ML Area – 79.30 Ha.) along with two proposed integrated mobile crushing and screening plant of 200 TPH & 250 TPH in addition to one existing integrated mobile crushing and screening plant of 200 TPH capacity located in Village - Kundrupani, Tahasil-Barbil, District- Keonjhar under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

- (i) EC Identification No. EC25B0000OR5895696N
- (ii) File No. 529528/32-MINB1/03-2025
- (iii) Clearance Type Fresh EC
- (iv) Category B1
- (v) Project/Activity Included Schedule No. 1(a) Mining of minerals
- (vi) Name of Project Expansion of Iron Ore Production capacity from 0.328 million TPA to 0.995 million TPA of Tiringpahar Iron Ore Mine (ML Area – 79.30 Ha) of M/s. Odisha Mining Corporation Limited along with two proposed integrated mobile crushing and screening plant of 200 TPH & 250 TPH in addition to one existing integrated mobile crushing and screening plant of 200 TPH capacity at Village - Kundrupani, Tehsil: Barbil, District: Keonjhar, Odisha.
- (vii) Location of Project (District, State) Village- Kundrupani, Tahasil- Barbil, District- Keonjhar
- (viii) Issuing Authority SEIAA, Odisha
- (ix) Applicability of General Conditions No

3. In view of the particulars given in the Para 1 above, the project proposal inter alia including Form-1(Part A, B and C)/ EIA &amp; EMP Report, Application for EC were submitted to the SEIAA, Odisha for an appraisal by the State Level Expert Appraisal Committee (SEAC) under the provision of EIA notification 2006 and its subsequent amendments thereto.

4. The above-mentioned proposal has been considered for EC by SEAC in its meeting held on 17.06.2025. The minutes of the meeting and all the project documents as submitted by project proponent are available on Parivesh portal which can be accessed from the Parivesh portal by scanning the QR Code above.

5. The details of the project along with the salient features of the project as submitted by the project proponent in Form-1(Part A, B and C)/ EIA &amp; EMP Report and as presented before SEAC are annexed to this EC as Annexure- 2.

6. The SEAC, after detailed deliberations made by the Project Proponent and the EIA Consultant, in its meeting held on 17.06.2025 under the provisions of EIA Notification 2006 and its subsequent amendments, recommended for grant of Environmental Clearance , stipulating various conditions.

7. The matter was again examined in the State Environment Impact Assessment Authority (SEIAA), Odisha in its 228th meeting held on 12.08.2025, recommendation of SEAC, clarification submitted by PP and in accordance with the EIA Notification, 2006 and further amendments thereto. After detailed deliberations in the matter, the Authority decided to grant Environmental Clearance (EC) with standard and specific condition as recommended by SEAC for an enhanced production capacity of Iron Ore from 0.328 MTPA to 0.995 MTPA valid upto the lease period of 23.08.2034.

8. Environmental Clearance (EC) is granted to the project valid upto the lease period of 23.08.2034 under the provisions of EIA Notification No. S.O. 1533 (E) dated the 14th September, 2006 of the Government of India in the erstwhile Ministry of Environment and Forests, as amended from time to time for proposed Enhancement in Production capacity of Iron Ore from 0.328 million TPA to 0.995 million TPA from Tiringpahar Iron Ore Mine (ML Area – 79.30 Ha.) along with two proposed integrated mobile crushing and screening plant of 200 TPH &amp; 250 TPH in addition to one existing integrated mobile crushing and screening plant of 200 TPH capacity located in Village-Kundrupani, Tahasil-Barbil, District-Keonjhar M/s. Odisha Mining Corporation Ltd." with the following stipulations, environmental conditions and safeguards as given in Annexure- 1.

9. The Validity of EC shall be upto the lease period i.e. 23.08.2034.

10. The SEIAA, Odisha reserves the right to alter /modify the above conditions or stipulate any further condition in the interest of environment protection.

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

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

13. This issue with an approval of the Competent Authority.

Copy To:

- Joint Secretary (IA Division), Ministry of Environment, Forests and Climate Change Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003 for information.
- Additional Chief Secretary, Forests & Environment Dept., Government of Odisha for information.
- Additional Secretary to Govt. Steel & Mines Department, Government of Odisha for Information and necessary action.
- Member Secretary, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar for Information and necessary action.
- Regional Officer, Integrated Regional Office (IRO), Ministry of Environment & Forests, A/3, Chandrasekharpur, Bhubaneswar for Information and necessary action.
- Regional Director, CGWA, South Eastern Region, Bhujal Bhawan, Khandagiri, Bhubaneswar, PIN-751030 for Information and necessary action.
- The Director of Mines, Odisha, Bhubaneswar for information and necessary action.
- Collector & DM, Keonjhar, District-Keonjhar/DDM Joda for Information and necessary action.
- Guard file for record/Website/Parivesh Portal.

## Annexure 1

## Specific EC Conditions for (Mining Of Minerals)

## 1. Specific Condition

S. No.	EC Conditions
1.1	a) The proponent shall utilize different grades of iron ore (ROM) and waste generated according to IBM guidelines. b) PP shall carryout vetting of Traffic Study through working professors of any reputed institutions. The traffic study report shall be submitted to RO of Ministry as a part of six-monthly compliance report. c) The proponent shall carryout compensatory afforestation for the project site. d) The proponent shall adopt additional measures for dust suppression. e) To reduce the dependency on ground water and Kundra nala, the PP shall construct drainage and rainwater harvesting structures of appropriate dimensions within the lease at appropriate locations, based on a scientific study, and utilize the same to meet the water demand of the mine during non- monsoon season. f) The lessee shall take adequate safeguard measures to ensure the free flow of the nearby tributaries/nallahs if any. g) The EC is limited to secondary crushing and screening operations (dry process) as per approved mining plan. Under no circumstances, the lessee shall carry out any beneficiation activity (wet process) of low grade ore. h) All the ores (45-55) and +55 grades shall be used and ores & rejects shall be transported as per approved mining plan for their use. Only temporary stacks shall be operated. The mine shall avoid segregation & generation of fines and flow of silt during rainy session. i) Green processes like Controlled drilling, Environment friendly blasting, safe transportation and conveying, silt-management shall be followed as per guidelines. j) The PP shall install a wheel washing system at the exit point of the mine.
1.2	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change ( <a href="http://www.parivesh.nic.in">www.parivesh.nic.in</a> ). A copy of the advertisement may be forwarded to the concerned Regional Office of MoEFCC, Gol for compliance and record.
1.3	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
1.4	The Project Proponent shall carry out plantation/afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting thematic species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
1.5	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.

## 2. Air Quality Monitoring And Preservation

S. No.	EC Conditions
3.1	The Project Proponent shall install a minimum of 1 (one) online Ambient Air Quality Monitoring Stations in downwind direction to monitor critical parameters, relevant for mining operations. Monitoring of critical parameters, relevant for mining operations, of air pollution viz. PM10,PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B29016/20/90/PCI/1, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone shall be done periodically as per CPCB guidelines. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main gate of the mine site.
3.2	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metallized road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.
3.3	The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.
3.4	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed fugitive emission standards.

3.5	The project proponent shall monitor fugitive emissions in the ML area at least once in every quarter through labs recognised under Environment (Protection) Act, 1986. The project proponent shall carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the ML area atleast at four locations (one within and three outside the plant area at an angle of 120 each). covering upwind and downwind directions.
<b>4. Water Quality Monitoring And Preservation</b>	
S. No.	<b>EC Conditions</b>
4.1	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the leasefor management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstructionand/or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/bodies existing in lease area shall becarried out four times in a year viz. pre-monsoon (April May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to SEIAA,SPCB and the Regional Office of MoEF & CC, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.
4.2	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off, acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
4.3	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.
4.4	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall beprescribedthroughConsenttoOperate(CTO) issuedbyconcernedStatePollutionControlBoard (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
4.5	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.
4.6	Incase, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and SEIAA is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydrogeological study of the area.
4.7	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
4.8	Seawage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.
4.9	De-silting of agricultural lands in buffer zone and beyond including nearby Nalas/rivers perennially periodically and perpetually caused due to wash up of minerals/OB/dumps shall be done as per SOP submitted. Retaining wall shall be constructed to ensure that no silt after wash up is escaped from the core / buffer zone of the mines.
<b>5. Noise And Vibration Monitoring And Prevention</b>	
S. No.	<b>EC Conditions</b>
5.1	The peak particle velocity at 500m distance or within the nearest habitation, which ever is closer shall be monitored periodically as per applicable DGMS guidelines.
5.2	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitats have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed, by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.
5.3	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.
<b>6. Mining Plan</b>	
S. No.	<b>EC Conditions</b>
6.1	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, overburden, inter burden and top soil etc.); mining technology; lease area; scope of working ( method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life, etc.).
6.2	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.
6.3	The project proponent shall obtain permission from DGMS under 106(2b) to carry out blasting operation within the lease area, if applicable.
<b>7. Energy Conservation Measures</b>	
S. No.	<b>EC Conditions</b>
7.1	Provide LED lights in their offices and common areas.
<b>8. Waste Management</b>	
S. No.	<b>EC Conditions</b>
8.1	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
<b>9. Land Reclamation</b>	
S. No.	<b>EC Conditions</b>
9.1	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.
9.2	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
9.3	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.
9.4	

13.5	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the RO,MoEF&CC as a part of six-monthly report.
13.6	Project Proponent shall keep the funds earmarked for environmental protection measures in a separate account and refrain from diverting the same for other purposes. The Year wise expenditure of such funds should be reported to the RO, Bhubaneswar, MoEF&CC, OSPCB & SEIAA, Odisha.

**14. Miscellaneous**

S. No.	EC Conditions
14.1	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
14.2	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the SEIAA & the concerned Regional Office,MoEF & CC, Central Pollution Control Board and State Pollution Control Board.The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Odisha State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective to the concerned Regional Office(RO),Bhubaneswar of MoEF&CC,Gol, Central Pollution Control Board and State Pollution Control Board.
14.3	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 made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court and any other Court of Law relating to the subject matter.
14.4	A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC. The proponent shall submit/upload six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, Govt. of India, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
14.5	It shall be mandatory for the project management to submit six (06) monthly compliance reports on post environmental monitoring in respect of the stipulated terms and conditions in this Environmental Clearance to the State Environment Impact Assessment Authority (SEIAA),Odisha, SPCB & Integrated Regional Office of the Ministry of Environment & Forest, Odisha, the respective Zonal Office of CPCB and the SPCB in soft copies on 1st June and 1st December of each calendar year. No hard copy of six (06) monthly compliance reports shall be accepted by SEIAA. The proponent shall upload the compliance report including results of monitored data, as applicable in the Parivesh website of the Ministry for monitoring of EC Conditions, failing which EC is liable to be revoked. The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.
14.6	The SEIAA, Odisha may revoke or suspend the EC, if implementation of any of the above stipulated conditions is not satisfactory. The SEIAA, Odisha reserves the right to alter / modify the above conditions or stipulate any further condition in the interest of environment protection.
14.7	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.8	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.
14.9	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
14.10	The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.

**Annexure-2**

- 1. Proposal in Brief:**  
The highlights of the proposal as ascertained from the application submitted by the PP and observations of SEIAA are given as under:
- This is a proposal of M/s Odisha Mining Corporation Ltd. for Environmental Clearance for Enhancement in Production capacity of Iron Ore from 0.328 million TPA to 0.995 million TPA from Tiringpahar Iron Ore Mine (ML Area – 79.30 Ha.) along with two proposed integrated mobile crushing and screening plant of 200 TPH & 250 TPH in addition to one existing integrated mobile crushing and screening plant of 200 TPH capacity located in Village - Kundrupani, Tahasil- Barbil, District- Keonjhar filed by Sri. Debendra Kumar Nanda, CVO & Land Officer.
  - Category: As per EIA Notification, 14th September 2006 followed by subsequent amendments, the proposed project falls under Category B1 – schedule 1 (a) – Mining of Minerals.
  - Details of TOR, if issued earlier: Terms of Reference (ToR), was issued by SEIAA, Odisha vide letter no. 469341/11-MIN/04-2024 dated 30.05.2024.
  - Public hearing details: Public Hearing for the Tiringpahar Iron Ore mine was held on 07.01.2025 at 11:00 am at Mouza-Baitarani Reserved Forest area (2 kms from village Kundrupani, 01 km from village Kahndbandh and about 20 m from Delphajar Basti) in accordance with the Ministry of Environment, Forest & Climate Change, Govt of India, EIA Notification No. S.O. -1533 (E) dated 14.09.2006. Major issues raised during hearing were employment, health facilities and socio - economic development. A budget of Rs. 4.73 Crore has been earmarked under EMP to address the issues & suggestions raised during public hearing.
  - They have applied for expansion in Iron Ore Production capacity from 0.328 million TPA to 0.995 million TPA. The Iron ore mined out after the proposed expansion in Tiringpahar Iron Ore Mine will be directly sent to Steel Plants and Sponge Iron Plants and sold to prospective buyers.
  - Location and connectivity: The proposed project is located at Village- Kundrupani, Tehsil: Barbil, District: Keonjhar, Odisha. The Mine site is located between latitude: 21°57'47.91952" to 21°58'09.12042" N and longitude 85°22'22.02792" to 85°23'14.45259"E. Core and buffer zone of the project is falls under the Survey of India Topo sheet No. F45N5 (73G/5), F45H8 (73F/8). Total mining lease is Forest Land. The mine is connected by SH-28 (~4.1 km in East Direction) and NH-520 (Earlier known as NH 215) (~6.0 km in NW direction). The nearest railway station is Jharoni Railway Station (~ 3.6 km in ESE Direction) and nearest airport is Veer Surendra Sai Airport, Jharsuguda (~135 km in West direction). Baitarani Reserved Forest falls within the Lease area. Nearest water body from mine site is Suna Nadi which is adjacent in West direction. Nearest Habitation present in the study area is Khandabandha which is 1.08 km in SE direction from the mine site. There is no WLS /National Park / Biosphere Reserve / Elephant Corridor / Tiger Reserve / Eco-Sensitive area within 10 km radius area of the proposed site.
  - Mining lease: Mining lease granted for Iron ore in favour of M/s. OMC Ltd. over an area of 85.469 ha. in Village Tiringpahar of Keonjhar District. Subsequently, the lease area was revised to 135.466 ha. and communicated to the Collector, Keonjhar. The lease deed was executed on 24.08.1964 for 30 years. The Lease was expired on 24.08.1994. First Renewal of mining lease was filled on 11.08.1993 over the reduced area of 79.30 ha. and granted for twenty years w.e.f. 24.08.1994 to 23.08.2014. Second renewal of mining lease filled over 79.30 ha. on 23.07.2013 within stipulated time and the same was pending as on date of commencement of MMDR Amendment Act, 2015 i.e. 12.01.2015. In terms of Rule 3 of Mineral (Mining by Govt. Company) Rules 2015, the period of original lease is deemed to be granted for 50 years i.e. from 24.08.1964 to 23.08.2014 over the reduced area of 79.30 ha. and in terms of Rule-3 (2) the period of said mining lease is further extended from 24.08.2014 to 23.08.2034. Period of validity of the said lease over 79.30ha. is extended and deemed to have been extended on 27.07.2019 up to 23.08.2034 subject to all terms and conditions of the said lease. Supplementary lease deed executed on 27.07.2019 and registered on 30.07.2019 and the lease is valid up to 23.08.2034
  - List of Statutory Clearances obtained earlier –

**S. No.** **Particular** **Letter No & Date**

Forest Clearance (FC)		
1.	Diversion of 79.30 hectares of Reserved Forest Land in Tiringpahar Mining lease area in favour of Orissa Mining Corporation Ltd.	Stage I: 8-54/2010-FC dated 27 Sept., 2017 Stage II: 8-54/2010-FC dated 18 April, 2019
2.	The process for settlement of rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 has been completed for the entire forest area over 79.30 ha. situated in Baitarani R.F. within Tiringpahar Iron Ore Mines of OMC Ltd. and Certificate for the same was issued by Collector, Keonjhar.	19.04.2010 & 22.02.2017

**Existing Environmental Clearances (EC)**

1.	Environmental Clearance for 0.328 million TPA Iron Ore Production in favour of M/s. Orissa Mining Corporation Limited.	J-11015/1082/2007-IA. II (M) dated 12.06.2008
2.	Certification of six-monthly EC Compliance by IRO, MoEF & CC (IRO visit on 12.02.2025)	101-434/25//EPE/188 dated 20.02.2025 101-434/25//EPE/183 dated 20.02.2025
3.	Action taken report for partial complied condition submitted to IRO, MoEF & CC	428/OMC/TIOM/2025 dated 11.03.2025

**Existing Consent for Establish (CTE)**

1.	CTE for 0.328 million TPA Iron Ore Production Capacity under section 25 of Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act, 1981 in favour of M/s. Orissa Mining Corporation Limited.	8948/IND-II-CTE-6334 dated 29.08.2019
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**Existing Consent for Operation (CTO)**

1.	CTO for 0.328 million TPA Iron Ore Production Capacity under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act, 1981 in favour of M/s. Orissa Mining Corporation Limited.	110248/IND-I-CON-6333 dated 16.11.2020 Valid Up to 31.03.2025
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**Past Production Details**

1.	Past Production Details authenticated by Deputy Director of Mines, Joda Circle, Dist- Keonjhar.	Memo No. 1384 Mines, dated 20.04.2024
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**Others NOZCs/Permissions**

1.	NOC regarding 125 KLD Surface water abstraction from Kundra Nala has been obtained from Water Resource Department, Odisha.	Letter No. 17569/WR dated 24.07.2017
2.	The NOC for 55 KLD ground water withdrawal has been obtained from Central Ground Water Authority (CGWA).	Letter no. CGWA/NOC/MIN/REN/1/2023/ 7591 dated 11.04.2023 which will be Valid up to 17.02.2025
3.	NOC for deep hole Blasting under Regulation 106(2)(b) of the Metalliferous Mine Regulations, 1961	Letter No. 330899  SEZ Chabasa Region Perm 2020 4260 dated 19.03.2020.
4.	Hazardous Waste Authorization in favour of Tiringpahar Iron Ore Mine of M/s. Odisha Mining Corporation Ltd.	IND-IV-HW-1366/12171 dt. 16.08.2021 and valid upto 31.03.2025.
5.	Authentication of flora & fauna for core zone and buffer zone.	List of Flora Fauna has been authenticated by DFO, Keonjhar Division Odisha.
6.	Authentication of Location Map showing RF, PF National Park, Wildlife sanctuaries, wildlife corridors, Tiger reserves within 10 km radius study area.	Location Map showing RF, PF National Park, Wildlife sanctuaries, wildlife corridors, Tiger reserves within 10 km radius study area have been authenticated by DFO, Keonjhar-Division.
7.	Approval of site-specific wildlife conservation plan for schedule I Species	IND-IV-HW-1366/12171 dt. 16.08.2021 and valid upto 31.03.2025.
8.	Request letter submitted to Forest Department for any additional interventions required as per standard TOR granted	Memorandum dated 05.05.2011
9.	Approval of Review of Mining Plan with Progressive Mine Closure Plan	Letter no. MCDRMiFL0FE/28/ 2023-BBSIBM_RO_BBS dated 06.02.2024.

**ix) Summary of the products generated by the project:**

Units'	Products and by Products	Existing	Additional	After expansion
Ironore	Product	0.328 MTPA	0.667 MTPA	0.995 MTPA

**x) Mining Plan Details:**

- Method of Mining: The existing mining operations are being done by Semi Mechanized- Opencast mining method with shovel dumper combination. After Expansion the mining operations will be done by Fully Mechanized Opencast mining method for mining IronOre. All operations of mining are/will be done by deployment of Heavy Earth Moving Machineries for deep hole drilling and blasting, excavation, loading & transport. Various mining activities such as drilling, blasting, loading, hauling and transportation is being/will be so conducted as to ensure maximum mineral conservation and minimum environmental degradation.
- Mining Machineries:

**S. No.** **Equipment (Type)** **Equipment (Make)** **Capacity** **Equipment (in Nos.)**
**Transportation and Hauling Equipment**

1.	Hauling Equipment	Volvo/Bharat/Benz/Eicher/Tata/Prima	19 m <sup>3</sup>	09
2.	Hauling Equipment	Volvo/Bharat/Benz/Eicher/Tata/Prima	14 m <sup>3</sup>	15

**Excavator and Loading Equipment**

1.	Excavator	Tata Hitachi/Volvo/Kobelco/Sany	3.5 m<sup>3</sup>	04


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୨୦ ବର୍ଷ ପୁରୁଣା ଗାଡ଼ି ପଞ୍ଜୀକରଣ ମହୀକରଣ ଖଳ୍ପ ଦ୍ୱିତୀୟ ସୁଲଭ ମୂଲ୍ୟରେ ପ୍ରମିଳାମ ସିଙ୍କ ଉପାଦାନ

ଭୁବନେଶ୍ୱର, ୨୩୮ (ଅନୁରାଧା ମହାରଣା)



କେନ୍ଦ୍ର ସରକାର ଦେଶରେ ୨୦ ବର୍ଷରୁ  
ଅଧିକ ପୁରୁଣା ଗାଡ଼ିରୁଡ଼ିକର ପଞ୍ଜୀକରଣ  
ନବୀକରଣ ଖର୍ଚ୍ଛ ଦ୍ୱାରିତ କରିଛନ୍ତି ।  
ଡେବେ ଜାତୀୟ ରାଜ୍ୟାମାନୀ ଅଞ୍ଚଳ  
(ଏନ୍‌ଆଇ‌ଏର)ରେ ଏହି ନିୟମ ଲାଗୁ  
ହେବାନାହିଁ । ନିକଟରେ ପ୍ରକାଶିତ ଏକ  
ଗୋଟେ ବିଷୟି ଅନୁଯାୟୀ, ୧୫ ବର୍ଷରୁ  
ଅଧିକ ପୁରୁଣା ମୋଟରସାଇକେଳ,  
ତିନିଟିକିଆ ଗାଡ଼ି ଏବଂ ହାଲୁକା ମୋଟର  
ଯାନର ପଞ୍ଜୀକରଣ ନବୀକରଣ ଖର୍ଚ୍ଛ  
ଯଥାକ୍ରମେ ୨,୦୦୦ ଟଙ୍କା, ୪,୦୦୦  
ଟଙ୍କା ଏବଂ ୧୦,୦୦୦ ଟଙ୍କା ହେବ ।  
ଏହା ବ୍ୟତୀତ ୨୦ ବର୍ଷରୁ ଅଧିକ ପୁରୁଣା  
ଇମ୍ପୋଟେ ତୁଳି କିମ୍ବା ତିନିଟିକିଆ ଗାଡ଼ି  
ପାଇଁ ୨୦,୦୦୦ ଟଙ୍କା ଏବଂ ଇମ୍ପୋଟେ

ପୁରୁଣା ପେଗ୍ଲୋ ଗାଡ଼ି ଏବଂ ୧୦ ବର୍ଷରୁ  
ଅଧିକ ପୁରୁଣା ଡିଜେଲ ଗାଡ଼ିକୁ ବ୍ୟାନ  
କରାଯାଇଥିଲା । ବର୍ତ୍ତମାନ ଏହି ବିଷୟ  
ପୁନର୍ବାର ସୁପ୍ରିମକୋର୍ଟରେ ଶୁଣାଇ ଚାଲିଛି ।  
ଏକ ଅନ୍ତରାଣ ନିର୍ଦ୍ଦେଶରେ ସୁପ୍ରିମକୋର୍ଟ  
କର୍ତ୍ତୃପକ୍ଷଙ୍କୁ କୌଣସି ଜୋରଜ୍ଜବରଦସ୍ତ୍ର  
କାର୍ଯ୍ୟାନୁଷ୍ଠାନ ନ କରିବାକୁ ନିର୍ଦ୍ଦେଶ  
ଦେଇଛନ୍ତି । ଅଗରକ୍ଷମାସରୁ ଅନେକ ଗାଡ଼ି  
ମାଲିକ ଏବଂ ଦ୍ରାଙ୍ଗିଳୀ ଲାଇସେନ୍ସରୀରୀଙ୍କୁ  
ବାହନ ଓ ସାରଥୀ ଡାଗାବେସରେ  
ଆଧାର ପ୍ରାମାଣୀକରଣ ମାଧ୍ୟମରେ  
ମୋବାଇଲ ନମ୍ବର ଅପତ୍ତେର ଓ ନିଶ୍ଚିତ  
କରିବା ପାଇଁ ଏସିଏମ୍ସ୍ ମାଧ୍ୟମରେ  
ସୁଚନା ଦିଆଯାଇଛି । ଏହାକୁ ନେଇ  
ଅନେକ ନାଗରିକ ଏହାର ବୈଧତା  
ଉପରେ ପ୍ରଶ୍ନ ଉଠାଇଛନ୍ତି । ଏକ ଅଧିକ  
ମେମୋରାଣ୍ଡମ ଅନୁଯାୟୀ, ଅନେକ

## ସୁଲଭ ମୂଳ୍ୟରେ ପ୍ରିମିଯମ ସିଙ୍କ ଉପାଦ



ଭୁବନେଶ୍ୱର, ୨୩୮

ଏଥିକିନ୍ତି ଖେତ୍ରସ୍ଥ, ପାରମପିକ ସିଙ୍ଗ ଓ  
କଟନ ଉପାଦଗୁଡ଼ିକୁ ଏଠାରେ ପ୍ରଦର୍ଶନ  
କରୁଛନ୍ତି । ଏହି ପ୍ରଦର୍ଶନୀ ତଥା ସେଲ୍  
୨୦୨୫ ଅଗଷ୍ଟ ୨୪ ପର୍ଯ୍ୟନ୍ତ ଜାତି  
ରହିବା । ଏ ସମ୍ପର୍କରେ ସିଙ୍ଗ ଜାଣିଆ-  
ଖେତି କଲେକ୍ସନର ଆୟାଜକ ମାନସ  
ଆଗାର୍ୟ କହିଛନ୍ତି, ଏହି ପ୍ରଦର୍ଶନୀ ୫  
ସେଲ୍ର ଆନୁଷ୍ଠାନିକ ଶୁଭାରମ୍ଭ ନିକଟରେ  
ହୋଇଯାଇଛି । ଏପରିକି ଆଶାୟ  
ଗ୍ରାହକମାନେ ସ୍ଥଳଭ୍ୟ ମୂଳ୍ୟରେ ପ୍ରମିଳନ  
ଦିଙ୍ଗ ଉପାଦ ସମ୍ଭାର ପାଇପାରିବେ ।

ଖାଦ୍ୟମୂର୍ତ୍ତି ଦୁର୍ଗାପୂଜା କଲେଞ୍ଚନ ୧୪୭୯ କଟନପ୍ୟାବ୍ ମେଳା ଉଦ୍‌ଘାଟିତ  
ହୋଇଥାଏଇଛି (ଶ୍ରୀମତୀ ମହାନ୍ତିଷ୍ଠାନୀ ପାତ୍ର)

ଶ୍ରୀବିତନ୍ତାପୁର, ୨୩ ।।। (ବିଜୟ ଧାରା)



କୁଦମ୍ବ ଜଣ୍ଡା ଲମଚେତ୍ର ବହୁ  
ପ୍ରତିକଷିତ ତଥା ଫୁର୍ଗାପୁଜା କଲେବ୍ରନ-  
୧୦୨୪(ତ୍ରୈଷି ଫୁର୍ଗେର କଲେବ୍ରନ)ର  
ଅନୀବଶ ସର୍ବଭାରତୀୟପ୍ରତରରେ  
ହୋଇଯାଇଛି । ଏପରିକି ଏହି ନୂତନ  
କଲେବ୍ରନ ବ୍ରାହ୍ମିର ସମୟ ରିଚେଲ  
ଆଉରିଲେଟରେ ଉପଲବ୍ଧ । ସେହିଭଳି  
ବ୍ରାହ୍ମ ଏହି ନୂତନ ସମ୍ବାର ମହିଳା, ପୁରୁଷ  
ଏବଂ ଶିଶୁଙ୍କ ପାଇଁ ଡିଜାଇନ କରାଯାଇଛି ।  
ଆସନ୍ତା ପର୍ଵତା (ଫୁର୍ଗାପୁଜା-୧୦୨୪)  
ରତ୍ନରେ ବ୍ରାହ୍ମିର ଏହି ନୂତନ ରେଞ୍ଜ  
ଉତ୍ତର ଗ୍ରାହକ ଓ ବଜାରର ଆବଶ୍ୟକତା  
ସହ ଚାହିୟା ପୂରଣ କରିବ ବୋଲି ଆଶା  
କରାଯାଉଛି । ଏ ସମ୍ପର୍କରେ ଖାଦ୍ୟ  
ଜଣ୍ଡା ଲିମିଟେଡ଼ର ଏମତି ରିଭିକ  
ରଯ୍ୟ ବର୍ମନ କହିଥୁଲେ, ଆମେ ଆମର  
- ପୂର୍ବ ପୃଷ୍ଠାର ଅବଶ୍ୟକତା

## ଶ୍ରୀବିଜୟାନ୍ତର, କଣ୍ଠ

୧୪ତମ କଟନପ୍ଯାର ମେଲା ଶନିବାର  
ଭୁବନେଶ୍ୱର ଯୁଦ୍ଧିତ୍ତ-୩ ପ୍ରଦର୍ଶନୀ  
ପଡ଼ିଆରେ ଉଦ୍ୟାନିଟ ହୋଇଯାଇଛି।  
ଉଚ୍ଚ ପ୍ରଦର୍ଶନୀକୁ ଭୁବନେଶ୍ୱର ମଧ୍ୟ  
ବିଧାୟକ ଅନନ୍ତ ନାରାୟଣ ଜେନା,  
ବିଷୟ ମେଘର ସୁଲୋଚନା ଦାସ,  
ଶ୍ଵାନୀୟ କର୍ପୋରେଟର ରଞ୍ଜିଲତା  
ରାଏ ମେଲାର ଉଦ୍ୟାନନ କରିଛନ୍ତି ।  
ସେପ୍ଟେମ୍ବର ୨୮ ପର୍ଯ୍ୟନ୍ତ ଚାଲିବାକୁ  
ଥିବା ଏହି ମେଲା ପ୍ରତିଦିନ ସକାଳ  
୧୦ଗା ଶାତରୁ ରାତି ୯ ଟା ପର୍ଯ୍ୟନ୍ତ  
ଖୋଲାଇଛି । ଏଠାରେ ୧୨ଟି  
ରାତ୍ୟର ୧୨୨ଙ୍କ ହରାଶିଶ୍ଵା ଏହି  
ତାଙ୍କର ସାମଗ୍ରୀ ପ୍ରଦର୍ଶନ ଓ ବିକ୍ରି  
କରିବେ । ଲକ୍ଷ୍ମୀର ଟିକନ୍ତୁକ  
ଡ୍ରେସ ମ୍ୟାଚେରିଆଲ୍ , ଶାଢ଼ି, କୁର୍ରା

A photograph showing a group of approximately ten people at a formal event. In the center, a man in a white shirt and dark trousers is using a pair of large ceremonial scissors to cut a red ribbon. To his left, another man in a light-colored shirt and patterned pants holds the ribbon. To his right, a woman in a blue and white sari looks on. Behind them, several other individuals are visible, some holding cameras or phones. The setting appears to be an indoor hall with decorative elements and a banner in the background.

କ୍ରେଷ୍ଟ  
ଗଣେଶପୁଜ୍ନ  
ରିଲାଏମ୍‌ବ୍ରି  
ଆସେଥୋରି  
ପକ୍ଷରୁ ସ୍ଵତନ୍ତ୍ର  
ଶ୍ରାଗାଶେଶ'  
କରାଯାଇଛି  
ଭାବରେ, ୭  
ଅଧିକ ମୂଳ୍ୟ  
ମାତ୍ର ୨୪୯  
ଉପହାର  
ଶ୍ଵେତରୁଦ୍ଧିତ  
ସମ୍ବଲନ୍ତ  
ମେତ୍ରୋ, ୮

# ଟ୍ରେଣ୍ସ୍ ପକ୍ଷରୁ 'ସାଗତମ ଶ୍ରୀଗଣେଶ'

ଶ୍ରୀକୃତ୍ତବ୍ୟାଜିକା, ୩୩

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC		
1.	Revised KML file indicating the lease area.	The KML file indicating the lease area has been uploaded on the PARIVESH Portal. An image showing the mining lease area is enclosed as Annexure 1, and the same KML file can be seen from the provided link enclosed as Annexure 2.	Complied		The maximum height of the temporary waste dump will be 105 metres, and the dump will advance laterally in the eastern direction. During the conceptual stage, the waste material from the temporary waste dump will be re-handled and backfilled into the mined-out area. Hence, no external waste dump will be present within the lease area during the conceptual stage. The scientific study on pit and dump slope stability has been carried out by the National Institute of Technology, Rourkela, Odisha. A copy of the study report is enclosed as Annexure-9. The proposed temporary waste dump section and conceptual backfilling section are enclosed as Annexure-10.
2.	Traffic study vetted by Institute of repute.	Duly vetted Traffic study report is enclosed herewith as Annexure 3.	Traffic study report is attached as Annexure 3. The Traffic study report has been vetted by Retired Professor of Civil Engineering Deptt., OUTR, Bhubaneswar (Formerly CET Bhubaneswar) PP shall carryout vetting of Traffic Study through working professors of any reputed institutions.		
3.	Comparative statement of analysis of the parking plaza provided before and after expansion.	A parking plaza covering approximately 1.0 ha exists within the Tiringpahar Iron Ore Mines of OMC Ltd., capable of accommodating up to 200 trucks at a time (considering each truck to be 10 meters in length and 3 meters in width). Currently, an average of 60 trucks are used daily for iron ore transportation. For an annual production of 0.995 MTPA of iron ore over 300 working days, approximately 166 trucks will be required per day for dispatch. As mining and dispatch operations are conducted round the clock, 166 trucks can be accommodated within the parking plaza in a single day. Geotagged photographs of the parking plaza, including basic amenities, are enclosed as Annexure 4.	-	9. Specify the safe height of the dump to be taken. Submit Slope study report if done for expansion.	As per the approved Review of Mining Plan, the total waste generation during the plan period is 29,24,340 cum, which will be dumped over the existing temporary waste dump by maintaining a terrace height of 15 metres, a terrace width greater than the terrace height, and a slope angle of less than 34°. The maximum height of the temporary waste dump will be 105 metres, and the dump will advance laterally in the eastern direction. During the conceptual stage, the waste material from the temporary waste dump will be re-handled and backfilled into the mined-out area. Therefore, no external waste dump will be present within the lease area during the conceptual stage. A scientific study on pit and dump slope stability has been carried out by the National Institute of Technology, Rourkela, Odisha. A copy of the study report is enclosed as Annexure-9.
4.	Compliance status of the Action taken report for the noncompliances found during the inspection of Regional Offices, Bhubaneswar, MoEF&CC.	Compliance status of the action taken report for the non-compliances observed during the inspection by the Regional Office, Bhubaneswar, MoEF&CC, is enclosed as Annexure 5.	Compliance status of the action taken report is enclosed as Annexure 5.	10. Earthen settling pond should be cleaned frequently. Detailed proposal to this effect to be submitted.	Earthen settling ponds are being cleaned periodically. The photographs showing the de-silting activities are enclosed as Annexure 11. In addition, OMC is following its Standard Operating Procedure (SOP) for the safe and efficient de-silting of the settling ponds. Records of de-silting are being maintained from time to time. A copy of the SOP along with the desilting record is enclosed as Annexures-12 and 13, respectively.
5.	Status of installation of Air Pollution Control measures adopted as MoEF&CC inspection report showed discrepancies in functioning of the APC devices.	As per the observations by RO, MoEFCC, Govt. of India, water sprinkling being carried out in the crushing and screening unit was observed to be insufficient. Hence for compliance to the same, additional five numbers of spray nozzles at the conveyor belt of the crushing screening units have been installed. Geo-tagged photographs of the same are shown at Annexure 6. Further, an additional 14 KL mobile water tanker has been deployed to improve dust control across haul roads and operational zones. To assess the effectiveness of the corrective action, fugitive dust monitoring was conducted in April 2025 by a NABL accredited laboratory. The maximum recorded PM concentration was 547 $\mu\text{g}/\text{m}^3$ , which is well within the prescribed limit of 1200 $\mu\text{g}/\text{m}^3$ .	Additional five numbers of spray nozzles at the conveyor belt of the crushing screening units have been installed and additional 14 KL mobile water tanker has been deployed to improve dust control across haul roads and operational zones. Geo-tagged Photographs attached as Annexure-6.	11. A short video showing installation and in working condition of Water sprinklers and all other pollution control measures including green area in the project site.	A short video showing the installation and operational status of water sprinklers, along with other pollution control measures including the plantation at the project site, can be seen from the provided link closed as Annexure-14.
6.	Compliance status of the NEERI recommendations.	The compliance report on CSIR-NEERI recommendations is enclosed as Annexure 7.	compliance report is enclosed as Annexure 7		Video link is attached at Annexure 14.
7.	Concentration of Suspended Particulate Matter in the mine, near the lease boundary and various other location as check points.	The concentration of particulate matter ( $\text{PM}_{10}$ and $\text{PM}_{2.5}$ ) in ambient air and fugitive emissions (particulate matter), has been monitored at various locations within the mine, near the lease boundary, and at designated checkpoints. The monitoring was conducted during the month of April 2025. A copy of the monitoring report is enclosed as Annexure 8.	Monitoring report is enclosed as Annexure 8		
8.	Brief note on the management and handling of the Overburden dump.	The Review of Mining Plan for the financial years 2024–25 to 2028–29 has been approved by IBM, Bhubaneswar, vide Document No: MCDR-MiFL0FE/28/2023-BBSIBM_RO_BBS, dated 06.02.2024. As per the approved Review of Mining Plan, the total waste generation during the plan period is 29,24,340 cum, which will be dumped over the existing temporary waste dump by maintaining a terrace height of 15 metres, a terrace width greater than the height, and a slope angle of less than 34°.	-		







