



File No.: IA-J-11015/38/2022-IA-II(NCM)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Dated 11/11/2025



To,

Ms. Rupali Pednekar
M/s SOCIEDADE DE FOMENTO INDUSTRIAL PRIVATE LIMITED
Margao Goa, SOUTH GOA, GOA, 403601
sridevimauli@fomento.co

Subject: **Mauli Iron Ore Block of M/s. Sociedade de Fomento Industrial Private Limited for production capacity of Iron Ore: 0.3 MTPA, Waste: 0.83 MTPA (Total Excavation: 1.13 MTPA) along with crusher 1 x 100 TPH in the mine lease area of 24.26 ha, located at Village Redi (Kanyale), Vengurla Taluka, Sindhudurg District Maharashtra – For Environmental Clearance - reg.**

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/MH/MIN/467350/2024 dated 11/07/2025 for grant of prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24A0000MH5814726N
(ii) File No.	IA-J-11015/38/2022-IA-II(NCM)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vi) Sector	Non-Coal Mining
(vii) Name of Project	Mauli Iron Ore Block
(viii) Location of Project (District, State)	SINDHUDURG, MAHARASHTRA
(ix) Issuing Authority	MoEF&CC
(x) Applicability of General Conditions	No

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-2(Part A, B and

C)/ EIA & EMP Reports were submitted to the MoEF&CC for an appraisal by the EAC under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered by EAC in the 48th EAC meeting held during 07-08 Aug 2025. A corrigendum in minutes of the 48th EAC meeting was issued vide minutes of the 49th EAC meeting held on 28.08.2025. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above. Brief description of the project is as under: Project is for mineral development it will generate revenue to the region, state and country.
5. The EAC, in its 48th EAC meeting held during 07-08 Aug 2025, based on information submitted viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance for Mauli Iron Ore Block Production Capacity of 0.3 MTPA, Waste: 0.83 MTPA, Total Handling: 1.13 MTPA, mobile crusher of capacity 100 TPH over an area of 24.26 ha by M/s. Sociedade de Fomento Industrial Private Limited located in Redi (Kanyale) Village, Vengurla Taluka, Sindhudurg District, Maharashtra under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of Specific and Standard EC conditions given in Annexure (1). The details of the project along with observation of EAC is given at Annexure (2).
6. The MoEF&CC has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 and further amendments thereto and based on the recommendations of the EAC hereby accords Environment Clearance for Mauli Iron Ore Block Production Capacity of 0.3 MTPA, Waste: 0.83 MTPA, Total Handling: 1.13 MTPA, mobile crusher of capacity 100 TPH over an area of 24.26 ha by M/s. Sociedade de Fomento Industrial Private Limited located in Redi (Kanyale) Village, Vengurla Taluka, Sindhudurg District, Maharashtra under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (1)
7. The Ministry reserves the right to stipulate additional conditions, if found necessary.
8. 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.
9. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
10. General Instructions:
 1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC website where it is displayed.
 2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
 3. The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
 4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

5. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
6. The Regional Office of this MoEF&CC shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
7. 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.

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

Copy To

- i. The Secretary, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi.
- ii. The Secretary, Department of Environment, Government of Maharashtra, Secretariat, Madam Cama Road, Hutatma Rajguru Chowk, Nariman Point, Mumbai, Maharashtra - 400 032
- iii. The Secretary, Department of Mines and Geology, Government of Maharashtra, Secretariat, Madam Cama Road, Hutatma Rajguru Chowk, Nariman Point, Mumbai, Maharashtra - 400 032.
- iv. The Secretary, Department of Environment, Government of Maharashtra, Mumbai, Maharashtra.
- v. The Secretary, Department of Forests, Government Maharashtra, Secretariat, Madam Cama Road, Hutatma Rajguru Chowk, Nariman Point, Mumbai, Maharashtra - 400 032.
- vi. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum- Office Complex, East Arjun Nagar, Delhi-110032.
- vii. The Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001.
- viii. The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th Floor, Road No. 8, Sion Cir, opp. PVR Theater, Mumbai, Maharashtra - 400 022
- ix. The Member Secretary, Central Ground Water Authority, A 2, W-3, Curzon road, Barracks, K.G Marg, New Delhi-110011.
- x. The Controller General, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur- 440 001.
- xi. The Director General & CIM, Directorate General of Mines Safety, Hirapur, Dhanbad, Jharkhand. 826001
- xii. The District Collector, Sindhudurg District, Government of Maharashtra.
- xiii. Guard File.
- xiv. PARIVESH Portal.

Annexure 1

Specific EC Conditions for (Mining Of Minerals)

1. Specific Conditions

S. No	EC Conditions
1.1	PP must ensure that, under no circumstances, untreated water is permitted to overflow or be discharged from the mine pit and mine surface into surrounding areas or nearby water bodies. Arrangements should be done accordingly in the project.
1.2	The Project Proponent (PP) shall not undertake any abstraction of groundwater beyond the permitted limits without obtaining prior approval from the Central Ground Water Authority (CGWA) or the concerned State Ground Water Authority/State WRD. PP needs to submit the half-yearly report on water balance (rainwater received, stored, pumped out, and reused) to Regional office, MoEFCC.

S. No	EC Conditions
1.3	PP needs to strictly follow the terms and conditions of Maharashtra Coastal Zone Management Authority (MCZMA) letter dated 01.01.2025.
1.4	PP shall ensure that surface runoff generated during the monsoon season is effectively diverted into designated mining pits to facilitate the sedimentation of suspended solid particles. To enhance the sedimentation process, appropriate flocculants shall be applied as necessary. An action taken report in this regard shall be submitted to Ministry's Regional Officer in Half-yearly compliance reports.
1.5	PP shall ensure that, during non-monsoon periods, accumulated rainwater and stormwater extracted from the mining areas are conveyed through a series of settling ponds. The water shall be discharged into the environment only after achieving adequate sedimentation and meeting prescribed quality standards. PP should increase the number of settling ponds in consultation with State PCB and State WRD. An action taken report in this regard shall be submitted to Ministry's Regional Officer in Half-yearly compliance reports.
1.6	PP shall carry out annual maintenance and de-siltation of all settling ponds and garland drains/catch drains immediately following the monsoon season. An action taken report in this regard shall be submitted to Ministry's Regional Officer in Half-yearly compliance reports.
1.7	PP shall not undertake any drilling and blasting without the prior permission from MoEF&CC.
1.8	PP shall ensure that there is no spillage of ore during transportation. All transportation trucks should be covered with tarpaulin. Truck drivers, helpers, Operators, Supervisors, contractor personal should be properly trained on environmental aspects. Record of above training of the personal, supervisor/officials should be submitted to Regional office of MoEF&CC.
1.9	PP should undertake regular sprinkling of water on the transportation route to mitigate dust generation.
1.10	PP in consultation with Local Administration/ /State Govt/DMG shall undertake plantation along the transportation route. An action taken report in this regard shall be submitted to Ministry's Regional Officer in Half-yearly compliance reports.
1.11	The natural water bodies and or streams which are flowing in and around the mine lease area should not be disturbed.
1.12	The Project Proponent shall continue to monitor the air quality, noise level, water quality, water level at the edge of the mine, near the village, at crusher and at other sensitive receptors and such collected data shall be submitted quarterly to the Ministry's Regional Office.
1.13	The Project Proponent should install Continuous Ambient Air Quality Monitoring Stations (CAAQMS) as per the scientific study and in consultation with CPCB/SPCB. The real time data so generated should be displayed digitally at entry and exit gate of mine lease area for public display and shall be linked to server of CPCB/SPCB.
1.14	PP shall follow up with State Govt. with respect to implementation of Wildlife Conservation Plan. An implementation report needs to be submitted to Ministry's Regional Office on an annual basis.
1.15	The Project Proponent needs to use modern equipment's such as Camera Traps for ensuring presence and movement of wild animals in the study area in consultation with Wildlife Wing of

S. No	EC Conditions
	Forest Department. Appropriate interventions shall be taken to minimise stress conditions for wild animals and to avoid Man-Animal conflict.
1.16	The air pollution control equipment's like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at areas prone to air pollution. PP shall take necessary measures to avoid generation of fugitive dust emissions.
1.17	The Project Proponent shall explore the possibility of using atleast 20% of Electric vehicles/CNG/Solar instead of diesel operation within three years in the project.
1.18	The Project Proponent should adopt the proper mitigation measures as proposed under EMP. The adoption of mitigation measures and monitoring of the same as proposed in the EMP shall be done under the supervision of the qualified environmental personnel. The implementation status of the same shall be submitted to the Ministry's Regional Office.
1.19	The PP should monitor air, water, noise, soil, and biological parameters at specified frequencies, using NABL-accredited laboratories/ consultants and submit reports to the regulatory authorities.
1.20	The Project Proponent shall conduct third party audit of compliance of EC condition at an interval one year and its report shall be submitted to RO, MoEF&CC.
1.21	The Project Proponent shall ensure the survival rate of 95% for planting the gap plantation and new plantation. The Project Proponent shall make the actual count on the saplings planted and its survival rate and in case of failure of achievement of 95% survival rate, action plan for achieving the target survival rate shall be submitted to the Ministry's Integrated Regional Office. Density of plantation should be 2500 plants/ha. PP shall make provision for drip irrigation to conserve the water. PP should plant fruit bearing trees along with Sal and allied species within the ML area.
1.22	The Project Proponent shall provide the rainwater harvesting structure at mine offices and quarters/colonies to recharge the ground water.
1.23	PP needs to construct sedimentation ponds, check dams, gabion structures, retaining wall, garland drains around the dumps and other appropriate locations etc. to safeguard the natural Streams/Nallahs flowing around the Lease area.
1.24	To address the concerns raised by the public in the public hearing, PP should complete its public hearing commitments within 3 years from the date of start of mining operations. PP shall comply with all action plans made for public hearing concerns and make regular maintenance and record the progressive activity outcomes. The Project proponent shall ensure that the activities proposed under the public hearing is different from the CSR activities.
1.25	The Project Proponent needs to provide good quality drinking water supply and also by laying network of pipelines to the villagers of Redi (Kanyale) at free of cost.
1.26	The Project Proponent shall also organize employment-based apprenticeship/ internship training program every year with appropriate stipend for the youth and other programs to enhance the skill of the local people. The data should be maintained for the training imparted to the persons and the outcome of the training, for the assessment of the training program should be analyzed periodically and improved accordingly.

S. No	EC Conditions
1.27	The Project Proponent should periodically monitor and maintain the health records of the mine workers digitally prior to mining operations, at the time of operation of mine and post mining operations. Regular surveillance shall be carried through regular occupational health check-up every year for mine workers. PP shall also organize medical camp for the benefit of the local people and also the monitor the health impacts due to mining activity.
1.28	The Project Proponent needs to install the permanent water sprinklers in addition to mobile water tankers along the haul road and the approach road. Further, 5 nos. of fog/mist cannon sprayer of atleast 40 m throw shall be installed at various locations in the mine and beneficiation plant area. Effective dust suppression system shall also be adopted at other parts of the mining lease to arrest the fugitive dust emission.
1.29	The mobile water tankers should be used in the ML area for dust suppression and control. A logbook of water tankers should be maintained mentioning running hours, kilometre reading, maintenance hours of water tankers for each shift. PP shall use non-toxic chemicals for dust suppression in order to reduce the total water requirement.
1.30	The Project Proponent shall ensure that the transportation shall not occur through village road.
1.31	The mining lease holders shall, after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The implementation report of the above said condition shall be submitted to the Ministry's Regional Office.
1.32	Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
1.33	PP shall minimize use of fresh underground water in the project which should be used only for drinking water purpose. PP should use mine pit & settling pond, water reservoirs water for dust suppression, plantation & other project related activities.
1.34	PP may explore to construct few water reservoirs within the ML area for day to day water needs.
1.35	Project proponent shall take necessary other clearances/permissions under various Acts and Rules if any, from the respective authorities / department.
1.36	PP needs to comply the OM dated 24.07.2024 of MoEFCC, wherein it is stated that the plantation of saplings shall be carried out in the earmarked 33% greenbelt area as part of the tree plantation campaign "EK Ped Ma keNaam" (एकपेड़माँकेनाम) and the details of the same shall be uploaded inthe MeriLife portal(https://merilife.nic.in).
1.37	PP shall ensure that all type of plastic waste generated from the mines shall be stored separately in isolated area and disposed of strictly adhering to the Plastic Waste Management Rules 2016. In pursuant to Ministry's OM dated 18/07/2022 PP shall also create awareness among the people working in the project area as well as in its surrounding area on the ban on Single Use Plastic (SUP) in order to ensure compliance of Ministry's Notification published by the Ministry on 12/08/2021. A report along with photograph on the measures taken shall be submitted to Ministry's Regional Office.

1. Statutory Compliance

S. No	EC Conditions
1.1	This Environmental Clearance (EC) is subject to orders/ judgment of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
1.2	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.
1.3	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.
1.4	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
1.5	A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
1.6	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 (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
1.7	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area."
1.8	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.

2.

S. No	EC Conditions
2.1	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

S. No	EC Conditions
	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.
2.2	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native 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.

3. Air Quality Monitoring And Preservation

S. No	EC Conditions
3.1	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor 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. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. 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, metalled 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.

4. Water Quality Monitoring And Preservation

S. No	EC Conditions
4.1	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.
4.2	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

S. No	EC Conditions
	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	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 lease for 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 obstruction and/ 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 be carried 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 Ministry of Environment, Forest and Climate Change and its Regional Office, 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.
4.4	In case, 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 MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
4.5	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.
4.6	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 be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
4.7	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.

5. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
5.1	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
5.2	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work

S. No	EC Conditions
	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.
5.3	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.

6. Mining Plan

S. No	EC Conditions
6.1	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, 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.

7. Land Reclamation

S. No	EC Conditions
7.1	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.
7.2	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.

S. No	EC Conditions
7.3	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.
7.4	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.

8. Transportation

S. No	EC Conditions
8.1	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].
8.2	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

9. Green Belt

S. No	EC Conditions
9.1	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.

10. Public Hearing And Human Health Issues

S. No	EC Conditions
10.1	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.

11. Corporate Environment Responsibility

S. No	EC Conditions
11.1	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.

12. Miscellaneous

S. No	EC Conditions
12.1	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.
12.2	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.
12.3	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.
12.4	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.
12.5	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
12.6	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.
12.7	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

S. No	EC Conditions
12.8	In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Honble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
12.9	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.
12.10	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.



Details of the approved project as per 48th EAC meeting held during 07-08 Aug 2025.

The instant proposal is for Environment Clearance for Mauli Iron Ore Block of M/s. Sociedade de Fomento Industrial Private Limited for production capacity of Iron Ore: 0.3 MTPA, Waste: 0.83 MTPA (Total Excavation: 1.13 MTPA) along with crusher 1 x 100 TPH in the mine lease area of 24.26 ha, located at Village Redi (Kanyale), Vengurla Taluka, Sindhudurg District Maharashtra.

2. The details of the project submitted by the Project Proponent are given under:

i. Project details

Name of the Proposal	Mauli Iron Ore Block		
Location	Village	Redi(Kanyale)	
	Tehsil/Taluka	Vengurla	
	District	Sindhudurg	
	State / UT	Maharashtra	
	Pillar No.	Longitude	Latitude
	1	73° 40' 10.64" E	15° 44' 28.74" N
	2	73° 40' 11.93" E	15° 44' 24.15" N
	3	73° 40' 14.71" E	15° 44' 24.84" N
	4	73° 40' 19.33" E	15° 44' 20.95" N
	5	73° 40' 22.58" E	15° 44' 20.22" N
	6	73° 40' 23.48" E	15° 44' 20.97" N
	7	73° 40' 25.07" E	15° 44' 21.69" N
	8	73° 40' 26.57" E	15° 44' 22.20" N
	9	73° 40' 27.37" E	15° 44' 22.39" N
	10	73° 40' 34.13" E	15° 44' 19.38" N
	11	73° 40' 34.32" E	15° 44' 17.95" N

	12	73° 40' 34.21" E	15° 44' 15.47" N
	13	73° 40' 33.65" E	15° 44' 11.32" N
	14	73° 40' 31.93" E	15° 44' 11.09" N
	15	73° 40' 30.05" E	15° 44' 11.42" N
	16	73° 40' 30.45" E	15° 44' 04.98" N
	17	73° 40' 28.88" E	15° 44' 06.47" N
	18	73° 40' 25.28" E	15° 44' 09.21" N
	19	73° 40' 21.56" E	15° 44' 10.92" N
	20	73° 40' 19.46" E	15° 44' 11.57" N
	21	73° 40' 16.76" E	15° 44' 11.53" N
	22	73° 40' 15.32" E	15° 44' 13.82" N
	23	73° 40' 10.92" E	15° 44' 19.38" N
	24	73° 40' 08.03" E	15° 44' 23.99" N
	25	73° 40' 6.30" E	15° 44' 26.12" N
	26	73° 40' 6.75" E	15° 44' 26.32" N
	27	73° 40' 8.51" E	15° 44' 25.75" N
SOI Topo sheet No.		48 E/10	
Company's Name		M/s. Sociedade de Fomento Industrial Private Limited.	
Accredited Consultant and certificate no. and Validity		Mineral Engineering Services Certificate No. NABET/EIA/2326/RA 0296 Validity: May 15, 2026	
KML file		Uploaded	
Seismic zone		III	

ii Category details:

Category of the project	B1
Schedule No.	1(a)
Mining lease Area (MLA) (in ha.)	24.26 ha

General Conditions (if any)	General condition no. (iv) Interstate boundary of Maharashtra-Goa State Boundary -0.7 Km
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iii.ToR/EC Details:

Date of application	Proposal No/ File No	Consideration by EAC	Details of ToR	Date of accord
18.11.2022	IA/MH/MIN/406965/2022	06-12-2022 & 17-01-2023	IA-J-11015/38/2022 -IA.II(NCM) dated 06.02.2023	06.02.2023

iv.Details of Mine Lease in chronological manner:

S.no	Prospecting License/ Letter of Intent (LoI)/ Grant of Mine lease and Lr No	Date of the grant	Name of the Mineral & (Major/ Minor)	Period of Grant	Granted by	Mine lease area in Ha
1.	Letter of Intent no. MMN-0422/C.R.78/IND-9(A) dated. 20/05/2022 Subsequently, the validity of the Letter of Intent has been extended up to 19/05/2027.	20.05.2022 & 22.05.2025	Iron Ore (Major)	50 years from date of Registration of executed of Mining lease deed	Government of Maharashtra	24.26 Ha

S. No	Details of grant of Mine Lease deed execution	Period of Grant		Name of the Mineral	Mine lease area in Ha
		From	To		
	Lease deed will be executed after obtaining Environmental Clearance				

v.Land Use/Land Cover of the Mine Lease Area:

Private land	24.26 ha
Government land	0
Forest land	0
Total Mining lease area (MLA), ha	24.26 ha
Private land for crusher, workshop & other infrastructure outside the MLA	0
Additional information (if any)	NA

vi.Mining plan details:

Mining Plan including Progressive Mine Closure Plan (approved by Indian Bureau of Mines/DMG)	Letter No.	MP/MECH-01(MAH)/GOA/2022-23
	Date	24.08.2022
	Mineral & (Major/Minor)	Major
	Mine Lease Area, Ha	24.26 Ha
	Validity	50 years from date of Registration of executed of Mining lease deed
Additional information (if any)		
Mining Parameters	Quantitative Description	
Method of Mining	Open Cast Mining	
Drilling/Blasting	No Drilling and Blasting involved	
Geological Reserves	0.981 Million Tonnes	
Mineable Reserves	0.910 Million Tonnes	

Breakup of Total Excavation (Topsoil/OB/SB/IB/Mineral Rejects/ Waste, MTPA)	ROM (Iron Ore): 0.3MTPA Topsoil: Nil OB Waste: 0.83MTPA Mineral Rejects: Nil
Life of mine	Based on existing exploration data and notified mineral reserves and resources life of the mine is 6 Years. The life of the mine will increase about 30 years or more depending on the proposed exploration results.
Mine Bench Height & Bench Width	Mine Bench Height: 6 m Mine Bench Width: 8 m
No. of Mine Benches	15 (Existing)
Existing Depth, m bgl	68 m (upto -32MSL)
Ultimate Depth of Mining, m bgl	114 m (upto -78 MSL as per adjacent mine)
Ground Water Table, m bgl	43 to 57
Details of ground water intersection	Mauli Iron Ore Block is already having broken mining pit by earlier lessee and has intersected water table at -20 MSL.
Individual bench slope	63
Overall pit slope	30
Details of existing/ proposed Crusher	1 crusher of 100 TPH capacity
Mineral Beneficiation	Nil
RoM output size	NA
Transportation details including capacity of dumper/tipper, mode of transport and distance	The mode of transportation of ore from the Mine to jetty (Redi port) is by road with engaging Tipper Trucks The distance from Mine to the jetty is about 2 Km.
Generation of Topsoil/OB & its Management during	There is no generation of Topsoil as the working is proposed in already broken-up area.

plan period & conceptual period	- Waste (OB) generated will be dumped at the earmarked site as per Approved Mining plan within the mining lease area. - Waste (OB) generated during the conceptual period will be backfilled in the exhausted pit.
Generation of Mineral Rejects/ Waste & its Management during plan period & conceptual period	There is no generation of Mineral Rejects.
Additional information(if any)	

vii. Water requirement:

Total water requirement	210 KLD	Pit Water	210 KLD
		Treated water	0
Source	Mining Pit		
Permission for withdrawal/ intersection along with details of grant and its validity	NOC obtained from CGWA, vide Letter No CGWA/NOC/MIN/ORIG/2024/20760 dated 12.09.2024		
Additional information (if any)			

viii. Nearest village/town/ highway/interstate boundary/railway station/water bodies/monument/ forest

Particulars	Particular's Name	Distance & Directions
Village	Redi Village	0.5 Km, NW
Town	Vengurla	20 Km, N
Highway	SH-123	2kms E
Interstate Boundary	Goa	0.7 Km, S
Railway Station/Railway line	Sawantwadi Road Railway station	20 Km, NE
Water Bodies	Shiroda creek	1.2 km, N
	Terekhol creek	2.0 Km, SE
	Kanyal Water Tank	0.9 Km, SEE

	Arabian Sea	0.504 to 0.510 km, W
Forest	Sawantwada Reserve forest. Reserve forest. Open mixed jungle presents within the study area.	9.6 km, NE 1.5 km, NNW
Monument	---	---

ix. Presence of Environmentally Sensitive areas in the study area

Forest Land/ Protected Area/ Environmental Sensitivity Zone	Yes/No	Details of Certificate/letter issued by the concerned Department mentioning the Lr no, date of grant and remarks
Forest Land within the mine lease area and (if yes) status of Forest Clearance	No	A letter dated 26.07.2023 has been obtained from Deputy Conservator of Forest, Sawantwadi Division. Confirming non-involvement of forest area in the Mineral Block.
National Park	No	Map from the competent authority,
Wildlife Sanctuary	No	Office of the Deputy Conservator of
Elephant/Tiger Reserve	No	Forests, Sawantwadi, District Sindhudrg, Govt. of Maharashtra confirming that there is no Sanctuary, National Park, Biosphere, Reserve or any Protected Reserve within 10 Km radius area of the Mineral Block has been obtained vide its letter no. B/kaksha-2/Survey/Jamin/950/2023-24 dated 26-07-2023.
Eco-Sensitive Zone(ESZ) /Eco-Sensitive Area (ESA)	Yes	PP submitted a certificate issued by DCT Sawantwadi dated 21.12.2022

		stating that ML area is outside Eco-sensitive area
Coastal Regulation Zone (CRZ)	Yes	PP presented a letter dated 01.01.2025 from MCZMA wherein it was mentioned the ML area is outside the CRZ
Schedule-I species (No.s and name of schedule-I species with authenticated letter)	Yes	There are a total of 30 species of Schedule I as per Wildlife Protection Act of 1972 and amendment of 2022, PP submitted a letter dated 06.03.2025 in this regard from DCF Sawantwadi.
Wildlife Conservation Plan	Yes	A Wildlife Conservation Plan has been prepared based on the Schedule - I species reported in the buffer zone of the project and the same has been submitted to the Principal Chief Conservator of Forest (Wildlife) on 19.03.2025.

x. Green belt/plantation details:

Proposed area for green belt/plantation and no. of saplings proposed	Proposed areas to be brought under plantation at conceptual stage is given below: 1. Greenbelt : 1.9516 Ha 2. Plantation on worked out benches : 8.9084 Ha 3. Plantation on Backfilled area: 4.4 Ha Total : 15.26 Ha Plantation of around 2500 saplings per hectare is proposed
Budget for green plant & plantation till the end of life of mine.	Rs. 56 Lakhs
Budget for nursery	Not Applicable
Details of existing plantation and its survival rate	There exists mainly Casurina equisetifolia and Acacia auriculiformis within the mineral block. The plantation was carried out by the erstwhile Lessee.

No. of tree cuts in the mine lease area and compensatory afforestation	Total 8000 trees mostly of Casurina equisetifolia and Acacia auriculiformis, which will be felled during a period of five years. PP has proposed plantation of 8000 trees during the said period. The details are given in the EIA and EMP.
Particulars for Green belt/plantation	Area covered (in Ha)
7.5 m barrier & non-mineralized zone	1.9516
50 m safety zone of nallah, roads, electric lines	None
500 m safety zones of nearest habitation villages	None

xi Baseline detail:

Baseline Data (Air / Water / Noise / Soil / Hydro geological study/ Traffic Study/ others)	
Period of baseline data collection	December 2022-February 2023
Season (Summer / Pre-monsoon / Post-monsoon / Winter)	Winter
Predominant Wind direction (From)	NW
Ambient Air Quality (no. of locations) and results	No. of locations: 8 The results are incorporated in the EIA & EMP has been submitted
Noise level (no. of locations) and results	No. of locations: 9 The results are incorporated in the EIA & EMP has been submitted
Water Quality (no. of locations) and results	No. of locations Pit Water-1, Surface Water -6 & Ground Water-8 The results are incorporated in the EIA & EMP has been submitted
Soil Quality (no. of locations) and results	No. of locations 6 The results are incorporated in the EIA & EMP has been submitted
Hydro geological study and results	Hydrogeological study has been carried out and the results are incorporated in the EIA & EMP has been submitted

Traffic study (no. of locations) and results	Traffic study has been carried out & the results are incorporated in the EIA & EMP in Chapter 3 & Chapter 4.
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xii Public Hearing (PH) Details:

Advertisement for PH with date (name of major national daily and one regional vernacular daily newspaper)	16.11.2023 in The Indian Express (English) and Daily Tarun Bharat (Marathi) Newspapers
Date of PH	19.12.2023
Venue	Shri Devi Mauli Water Supply Scheme at Redi Village of Vengurla Taluka Sindhudurg District of Maharashtra State
Chaired by	Additional District Magistrate, Sindhudurg
Main issues raised during PH	Issues raised during Public Hearing and assurance given along with financial provisions and action plan is given in the EIA and EMP in Chapter-7, Table -7.1
Budget proposed for addressing issues raised during PH over 3 years	211.75 Lakhs
Additional information (if any)	--

xiii. Details of CTE/CTO, Certified Compliance Report, Certified Production Details from the inception of the mine:

Particulars	Details of Letter along with date of grant and validity
Consent to Establish	CTE is obtained from MPCB, Vide its letter No. RED/L.S.I(R35) No:- Format1.0/APAE Section/UANNo.0000174848/CE/2309002224 on 27.09.2023 validity 5 years (The consent to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier)
Consent to Operate	Application for CTO will be filed after obtaining Environmental Clearance.

xiv. Rehabilitation & Resettlement (R&R):

R & R details	Not Applicable
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xv . Court case details:

Court Case, No and its present status	No Court Cases / Litigations
Undertaking by Project Proponent w.r.t court case	PP submitted an undertaking regarding no pending court cases dated 04.08.2025

xvi. Affidavit/Undertaking details:

Affidavit as per Ministry's OM dated 30.05.2018	PP submitted an affidavit dated 15.03.2025.
Undertaking by Project Proponent in EIA/EMP report	Provided in EIA and EMP
Undertaking by Consultant in EIA/EMP report	Provided in EIA and EMP
Plagiarism Certificate	Provided in EDS reply dated 10.07.2025

xvii EDS-details:

The EDS-were raised during the earlier consideration of meeting of minutes on (date of earlier consideration).

S. No	EDS Point	Reply by Project Proponent
1	PP needs to submit the Affidavit as per Ministry's OM dated 30.05.2018.	PP submitted an affidavit dated 18.03.2025
2	PP needs to submit the Plagiarism Certificate for the EIA - EMP report.	Plagiarism Certificate has been submitted.

3	PP needs to submit the Tangible and Monitorable action plan for Public Hearing.	Public hearing action plan has been submitted.
4	PP needs to submit the authenticated list of Flora and Fauna as per Wildlife Protection Amendment Act, 2022 and accordingly submit the proof of submission of revised wildlife conservation plan.	Authenticated list of flora and fauna as per Wildlife Protection Amendment Act, 2022 duly certified by DCF, Sindhudurg dist. Also, acknowledgement copy of submission of the revised Wildlife Conservation Plan has been submitted.
5	PP needs to submit the NoC from Ministry of Defence since the mine site is located near to seaboard frontier/international boundary.	NoC from Ministry of Defence has been submitted.

xviii. Details of the Environmental Management Plan (EMP):

S.No	Details	Capital Cost (Rs in lakhs)	Recurring Cost (Rs in lakhs)
1	Air Pollution	Nose Masks	0.15
		Water Sprinkling System.	12
		Periodic Vehicular PUC Check	0.25
2	Water Pollution	Garland drains., settling pond, etc.	2.2
3	Noise Pollution	Regular Maintenance of machinery	5
		Ear muffs	0.1
4	Occupational Safety & Health	First aid kits	0.1
		Fire extinguishers	1
		PPE for all workers gloves, helmets and Safety shoes	2
		Regular health check-ups	0.25

		Training and awareness programs on risk factors during emergencies	0.1	0.1
5	Environmental Monitoring	Ambient Air (AAQ, Fugitive), Water quality, Noise level studies, Vibration studies	-	10
6	Green Belt development	afforestation	-	0.5
		Gap plantation (Bamboo)	7.5	-
		Plantation across approach road	-	0.5
		Total	13.1	34.15
7	Wildlife Conservation Plan	Budget for Wildlife conservation plan	20	

xix. Details of project cost and employment:

Particulars	(Rs. In Lakhs)
Total cost of EMP (Capital Cost of EMP + capital cost of Public hearing)	Capital cost of EMP: 13.1 WLCP Budget : 20 Capital Cost of PH: 211.75 Total = 244.85
Project Cost	800
Employment (No.s)	122

3. Observation and Recommendation of the Committee:

The instant proposal is for Environment Clearance for Mauli Iron Ore Block Production Capacity of 0.3 MTPA, Waste: 0.83 MTPA, Total Handling: 1.13 MTPA, proposed crusher of capacity 100 TPH over an area of 24.26 ha by M/s. Sociedade de Fomento Industrial Private Limited located in Redi (Kanyale) Village, Vengurla Taluka, Sindhudurg District, Maharashtra.

The project falls under Category "B1" and Activity 1(a) of the schedule of the EIA Notification, 2006. The project lies near to Interstate boundary of Maharashtra-Goa at 0.7 Km owing to the applicability for the General condition it is appraised at central level.

The Project Proponent (PP) and their consultant shared the proposal details using KML/KMZ files and highlighted key site features. The Project Proponent reported that the total mine lease area is 24.26 ha which is spread in Village Redi (Kanyale). PP informed that entire lease area of 24.26 ha is Private Land. PP submitted a letter dated 26.07.2023 from Deputy Conservator of Forest, Sawantwadi Division confirming that there are no Tiger reserve, sanctuary and conservation reserve area within 10 km of the Mineral Block. PP also submitted a letter dated 26.07.2023 from DCF, Sawantwadi Division confirming that there are no involvement of Forest area Block. PP mentioned that the nearest Eco-Sensitive Area village, according to the draft notification, is Gulduve Village, located 5.07 kilometers away from the mine lease area. Redi port is located at a distance of 2km from the ML area and Redi village is located at a distance of 0.5 km from ML boundary. State Highway SH-123 is located at a distance of 2 Km. There are creeks around the ML area namely Shiroda creek (1.2 km), Terekhol creek (2 km), Kanyal Tank (0.9 km) and Arabian sea at a distance of 0.504 to 0.510 m. EAC noted the submission of PP and advised to ensure that there is zero discharge of untreated water from mine runoff to any of these creeks.

The project proponent has appointed Institute of Remote Sensing, Anna University for the preparation of local level CRZ map by superimposing on approved CZMP as per CRZ Notification 2011. The Indian Remote Sensing (IRS) Team has conducted the physical survey and issued the authenticated CRZ map in 1:4000 scale which is also submitted. The PP has also submitted CRZ map around the project site at 1:25000 scale of 7 Km radius. The project falls outside the CRZ.

PP presented a letter dated 01.01.2025 from Maharashtra Coastal Zone Management Authority (MCZMA) wherein it was mentioned the ML area is outside the CRZ. PP also submitted the NoC from Ministry of Defence dated 27.06.2025. EAC noted the submission of PP and asked them to strictly follow the terms and conditions of MCZMA letter dated 01.01.2025.

PP stated that Lol was Issued by Government of Maharashtra on 20/05/2022 for 3 years and the period of validity was extended for further 2 years on 22/05/2025. Now the Lol is valid till 19/05/2027.

The mining plan has been approved by Indian Bureau of Mines vide letter No. MP/MECH-01(MAH)/GOA/2022-23 dated 24.08.2022. The proposed mining method for the project will be open cast, with no drilling or blasting involved. Ore will be transported from the mine to the jetty (Mauli Iron Ore Block to Redi Port) by road using tipper trucks for a distance of approximately 2 kilometers (0.3 km private road and 1.7 km road owned, build and maintained by Maharashtra Maritime board). A crusher with a capacity of 100 TPH will be utilized for processing the ore. Bench heights will be maintained at up to 6 meters, with bench widths of 8 meters. Life of mine is six years as per the present exploration data. EAC noted the submission of PP and advised PP to undertake regular sprinkling of the road leading to the jetty. Additionally, wind screens may be installed at appropriate locations on roadside to prevent any adverse effect on nearby habitation.

PP submitted the authenticated list of flora & fauna along with Wildlife Conservation Plan as per Wildlife Amendment Act 2022. PP reported that there are 21 Schedule I species present within the study area. PP also submitted the acknowledgement copy dated 19.03.2025 of the submission of the revised Wildlife Conservation Plan to State Forest Dept. EAC noted the submission of the PP and advised to provide the implementation report to Ministry's Regional Office.

The total water requirement for the project is estimated to be 210 KLD, which will be sourced from the mining pit. The Project Proponent has obtained a No Objection Certificate (NOC) from the Central Ground Water Authority (CGWA) for the abstraction and dewatering of 210 KLD of groundwater vide letter number NOC No. CGWA/NOC/MIN/ORIG/2024/20760, dated 12.09.2024

Upon review of KML EAC noted that the Mauli Iron Ore Block already contains a broken mining pit from a previous lessee, which has intersected the water table at -20 MSL. Accordingly, EAC directed the Project Proponent to obtain a No Objection Certificate (NOC) from the Central Ground Water Authority (CGWA) regarding the intersection of the water table prior to initiating any Mining activity.

EAC also noted that in the EC proposal, PP has sought permission for common boundary, however same was not sought at the time of ToR. EAC also noted that PP has included the proposal of common boundary mining in the mining plan. Accordingly, EAC opined that PP shall not be allowed to undertake common boundary mining at this stage and PP should revise the mine plan accordingly.

The baseline environmental data for the winter season from 01-12-2022 to 28-02-2023, has been gathered and analysed by the PP. The main wind direction was observed

to be seasonal, transitioning from North West to south east. Data on air quality, water resources, soil properties, and noise levels has been systematically collected. The committee recommended setting up an online monitoring system for air quality to report PM_{2.5} and PM₁₀ dust particles resulting from open cast mining.

PP reported that *Casurina equisetifolia* and *Acacia auriculiformis* are already existing species within the mineral block. PP stated that 8000 nos. plants will be cut within the ML area. This plantation was carried out by the erstwhile Lessee. The Project Proponent has proposed a total green area of 15.26 ha in the mining lease and included 4.4 ha on backfilled area. PP stated that a total of 2500 nos./ha of plantation species is proposed with budget for plantation activities Rupees 56 Lakhs. PP has assured to plant 2500 nos trees per ha inside the proposed site.

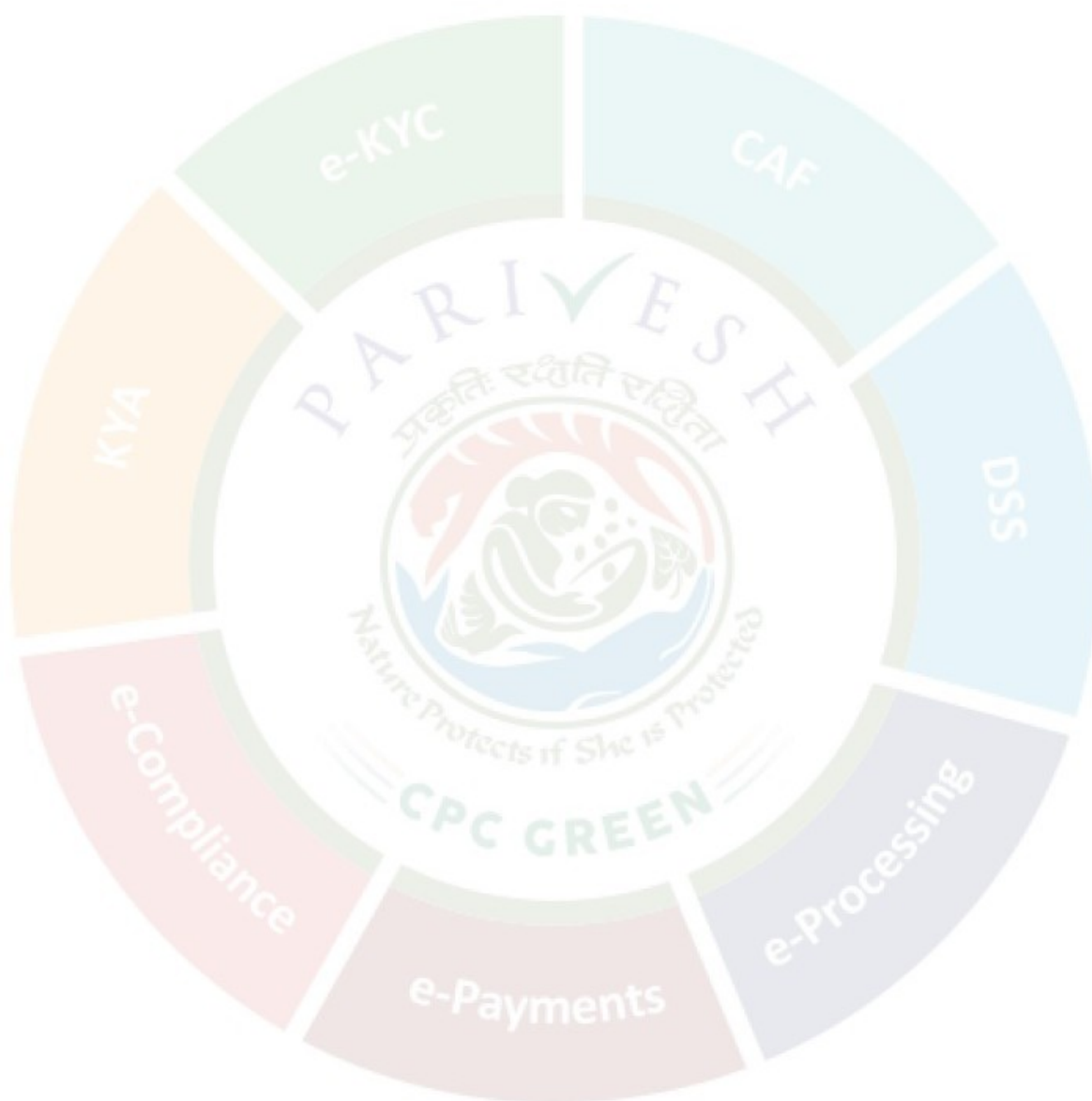
The Public Hearing (PH) for the project was conducted on 19.12.2023 under the chairmanship of the Additional District Magistrate at Redi Village of Vengurla Taluka Sindhudurg District of Maharashtra State. The PP ensured that water supply, Health, education, Infrastructure, sanitation, women empowerment and skill development will be improved. Budget of ₹2.1175 crore has been allocated for addressing key issues raised during the hearing.

The Project Proponent (PP) stated that the project is expected to create a total of 122 job opportunities, including both direct and indirect employment.

PP informed the committee that the Mining operations, including mining, crushing, and screening, will be carried out simultaneously in two shifts. EAC noted the submission of PP and recommended increasing the use of battery-powered equipment to enhance sustainability and reduce environmental impact.

Based on the aforesaid discussions and presentation made by the Project Proponent and the Consultant, the Expert Appraisal Committee (EAC), in its 48th meeting held during 7-8 August, 2025, under the provisions of the EIA Notification, 2006 and its subsequent amendments, **recommended** the proposal for the grant of Environment Clearance for Mauli Iron Ore Block Production Capacity of 0.3 MTPA, Waste: 0.83 MTPA, Total Handling: 1.13 MTPA, mobile crusher of capacity 100 TPH over an area of 24.26 ha by M/s. Sociedade de Fomento Industrial Private Limited located in Redi (Kanyale) Village, Vengurla Taluka, Sindhudurg District, Maharashtra subject to certain specific conditions,

in addition to the standard conditions applicable to Non-Coal mining projects given at Annexure (1).



Signature valid

Digitally Signed by : Rajeev Ranjan
Member Secretary, MoEFCC (EC)

Date: 11/11/2025