



MINERALS AND METALS

28/11/2024

To,
The Director (IA),
Ministry of Environment, Forests and Climate Change
Indira Paryavaran Bhavan,
Jorbagh Road
New Delhi - 110 003

Subject: Submission of half yearly 'Compliance Report' as stipulated in the Environmental Clearance, J-11015/27/2020-IA-II(M) dated 27.04.2022 and subsequently amended on 01.11.2022, Govt. of India, MOEF, New Delhi for the period from April 2024 to September 2024 in respect of our 'Redi Iron Ore Mine', of M/s. Minerals and Metals having lease area 27.4520 Ha., located at Redi Village (including Sakhalbhat, Mhartale and Bambdojichiwadi), Taluka Vengurla, District Sindhudurg, State Maharashtra.

Reference: 'Environmental Clearance' vide letter vide letter No. J-11015/27/2020-IA-II(M) dated 27.04.2022 and subsequently amended on 01.11.2022, issued by the Ministry of Environment and Forests, Government of India.

Dear Sir,

With reference to the above-mentioned Environmental Clearance, we are submitting herewith point-wise half yearly Compliance Report for the period from April 2024 to September 2024 with respect to our 'Redi Iron Ore Mine', lease area 27.4520 Ha., located at Redi Village (including Sakhalbhat, Mhartale and Bambdojichiwadi), Taluka Vengurla, District Sindhudurg, State Maharashtra, along with the necessary supporting documents.

The soft copy of the said EC compliance report has been sent electronically to the following email ids: -

1. Director, IA Division, MoEFCC and Monitoring cell – 'monitoring-ec@nic.in'.
2. Regional office of the MoEFCC, Nagpur, 'apccfcentral-ngp-mef@gov.in'
3. Chairman, Maharashtra State Pollution Control Board, chairman@mpcb.gov.in and Sub-Regional Office, MPCB, Ratnagiri- sroratnagiri@mpcb.gov.in.
4. Chairman, Central Pollution Control Board ccb.cpcb@nic.in.

Thanking you,

Yours Faithfully,

For M/s Minerals and Metals

For M/S MINERALS AND METALS

Mines Manager

Redi Iron Ore Mine

Encl : As above

**MINES MANAGER
REDI, IRON ORE MINE**

CC:

1. Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur-440001.
2. Member Secretary, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-office complex, East Arjun Nagar, New Delhi 110 032.
3. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 2nd 3rd & 4th floor, Opp. Cine Planet, Near Sion Circle, Sion (E), Mumbai 400 022.
4. Sub-Regional Office, Central Administrative Building No. 2, 2nd Floor, Collectors Office Compound, Ratnagiri – 415612.

Dashboard | Environment Clearance ▾ Forest Clearance ▾ Wildlife Clearance ▾ CRZ Clearance ▾ Go To Home Logout Welcome Sandeep Shrivastava, Project Proponent

Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	IA/MH/MIN/148253/2020
Compliance ID	112873328
Compliance Number(For Tracking)	EC/M/COMPLIANCE/112873328/2024
Reporting Year	2024
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	30-11-2024
RO/SRO Name	Dr Senthil Kumar Sampath
RO/SRO Email	agmu156@ifs.nic.in
State	MAHARASHTRA
RO/SRO Office Address	Integrated Regional Offices, Nagpur

Note:- SMS and E-Mail has been sent to Dr Senthil Kumar Sampath, MAHARASHTRA with Notification to Project Proponent.

Print

**Half Yearly Compliance Report
2024
01 Dec(01 Apr - 30 Sep)**

Acknowledgement

Proposal Name		Redi Iron Ore Mine (Area 27.4520 Ha)	
Name of Entity / Corporate Office		M/s. Minerals and Metals	
Village(s)		N/A	
District		SINDHUDURG	
Proposal No.	IA/MH/MIN/148253/2020	Category	Non-Coal Mining
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	MAHARASHTRA	Entity's PAN	*****5816N
MoEF File No.	J-11015/27/2020-IA-II(M)	Entity name as per PAN	Sandeep Shrivastava

Compliance Reporting Details

Reporting Year 2024
Remarks (if any)
Reporting Period 01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office M/s. Minerals and Metals

	Project Area as per EC Granted	Actual Project Area in Possession
Private	27.4520	27.4520
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	27.452	27.452

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Iron Ore	Million Tons per Annum (MTPA)	31/01/2025	0.2	0.100098340	0.2

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	MINING PLAN	No mining will be carried out in Block 1 and 1 A in the entire active lease period. Block 3 has been proposed to be mined in first five years and Block 2 will only be opened either after 5 years or after exhaustion of the minerals in Block 3 whichever is later. When Block 2 will be taken up for mining after five years, minimum 50 meters of buffer plantation must be done.
PPs Submission: Complied No mining carried out in block 1 and 1A. Presently mining activity is being carried out in Block 3 only.		Date: 29/11/2024
2	GREENBELT	Since, Block 3 is adjoining the already operating mines of Gogte Minerals; a peripheral plantation in the common boundary area should be carried out to prevent impact of mining on each other.
PPs Submission: Complied condition amended by letter dated 01.11.22.		Date: 29/11/2024
3	GREENBELT	Amendment - Since, Block 3 is adjoining the already operating mines of Gogte Minerals; a peripheral plantation in the common boundary area should be carried out immediately after the common boundary work is over.
PPs Submission: Complied Presently common boundary work is In progress. Peripheral plantation will be carried out immediately after common boundary work is over.		Date: 29/11/2024
4	Human Health Environment	Within 200 m of Block 3, the project proponent shall conduct permanent monitoring of air quality, noise and vibration in Redi Village and weekly monitoring (twice) in other villages. The data should be submitted to the Integrated Regional Office, MoEF&CC in every 6 months.
PPs Submission: Complied Within 200m of Block-3 permanent monitoring of Air quality and noise monitoring is conducted in the Redi Village and Bomdojichiwadi. Weekly monitoring(twice) in other villages is being conducted. Data is being submitted to Integrated Regional Office, MoEFandCC with EC Compliance in every 6 months. Annexed as Annexure 1.		Date: 29/11/2024
5	GREENBELT	Block 2, when in operation, must be protected from adjoining CRZ boundary by 50 meters buffer plantation.
PPs Submission: Complied At present block 2 is not in operation. Block 2 will be safeguarded from the adjoining CRZ boundary by implementing a 50-meter buffer plantation when it becomes operational.		Date: 29/11/2024
6	GREENBELT	Since the transportation is through entire CRZ area up to the Redi, adequate protection measures to preserve eco-sensitivity of the CRZ area shall be taken up.
PPs Submission: Complied Adequate protection measures to preserve eco-sensitivity of the CRZ area has been taken up. Implemented monitoring system for air quality, noise levels, and other environmental parameters along the transportation route. Trucks transporting the ore are covered properly with Tarpaulin for prevention of spillage and to control dust. Transportation is carried out only during day time.		Date: 29/11/2024
7	Human Health Environment	The sensitive receptors such as schools shall be protected from impacts of air pollution, noise, and vibration. Adequate measures

		should be made during the transportation of the mineral that must not interfere with the school children. Health checkup of the school children and the Redi villagers should be taken up regularly for monitoring health impacts.
PPs Submission: Complied There are no schools on the Transport route. However, the other sensitive receptors are Protected from the impacts of air pollution, noise, and vibration. Adequate measures are made during the transportation of the mineral that will not interfere with the school children. Health checkup of the school children and the Redi villagers has been taken up regularly for monitoring health impacts.		Date: 29/11/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
PPs Submission: Agreed to Comply Agreed		Date: 29/11/2024
2	MISCELLANEOUS	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.
PPs Submission: Complied Complied 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 and Ors before commencing the mining operations.		Date: 29/11/2024
3	MISCELLANEOUS	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.
PPs Submission: Complied NA		Date: 29/11/2024
4	MISCELLANEOUS	This Environmental Clearance shall become operational only after receiving formal NBWL Clearance from MoEF&CC subsequent to the recommendations of the Standing Committee of National Board for Wildlife, if applicable to the Project.
PPs Submission: Complied Not Applicable		Date: 29/11/2024
5	MISCELLANEOUS	This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, if applicable to the Project.

PPs Submission: Complied Not Applicable		Date: 29/11/2024
6	Statutory compliance	Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish / Consent to Operate from the concerned State Pollution Control Board/Committee.
PPs Submission: Complied Consent To Operate(CTO) has been obtained from Maharashtra Pollution Control Board Vide Consent Letter no.: RED/M.S.I(R35) No:-Format1.0/APAE Section/UAN No.0000138423/CO/2209001467 dated 22/09/2022 valid up to 31.01.2025.		Date: 29/11/2024
7	Statutory compliance	The PP shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. PP shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines from time to time.
PPs Submission: Complied Mining activities is being carried out as per the approved Mining Plan from Indian Bureau of Mines. DGMS guidelines and circulars are being followed from time to time.		Date: 29/11/2024
8	Statutory compliance	The Project Proponent shall obtain consents from all the concerned land owners, before start of mining operations, as per the provisions of MMDR Act, 1957 and rules made there under in respect of lands which are not owned by it.
PPs Submission: Complied The provisions of the MMDR Act 1957 and MCR 2016 and Rules are being adhered to and followed. In accordance with these provisions, consents have been obtained from all concerned landowners for lands not owned by the project proponent, prior to the commencement of mining operations. All necessary documentation and agreements with landowners have been executed as per the legal requirements.		Date: 29/11/2024
9	Human Health Environment	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".
PPs Submission: Complied 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 is being followed. Mining activities is being carried out in daylight hours only.		Date: 29/11/2024
10	Statutory compliance	The Project Proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and from CGWA for withdrawal of ground water for the project
PPs Submission: Complied Obtained prior permission from CGWA vide NOC no. CGWA/NOC/MIN/ORIG/2022/15563 dated 19.05.2022 for drawing 485 m3/day. There is no withdrawal of surface water.		Date: 29/11/2024
11	MISCELLANEOUS	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.
PPs Submission: Complied Environment Clearance copy is submitted to Gram Panchayat vide our letter dated 04/05/2022.		Date: 29/11/2024
12	MISCELLANEOUS	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.
PPs Submission: Complied Under jurisdiction of MPCB/other Authorities		Date: 29/11/2024
13	Statutory compliance	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.
PPs Submission: Complied Grant of EC was published in two local newspapers one of which published in Konkansad Marathi newspaper dated 03/05/2022 and Indian Express dated 03/05/2022. Copy of the Local newspapers (English and Marathi) is attached as Annexure-2. A copy of the advertisement had been forwarded to the concerned MoEFCC Regional Office as a part of compliance report.		Date: 29/11/2024
14	Statutory compliance	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 than mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
PPs Submission: Agreed to Comply We will adhere to the requirement of notifying the MoEFCC in case of any change in ownership of the mining lease in future. There is no transfer of Mining Lease as on today.		Date: 29/11/2024
15	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied The ambient air quality monitored at prominent places as per the site condition to ascertain the exposure characteristics at specific places. The monitoring stations are operational and actively measuring the required critical air pollution parameters, including: PM10, PM2.5, NO2, CO, SO2. The above data digitally displayed in front of the main gate of the mine site.		Date: 29/11/2024

16	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied Effective safeguard measures for prevention of dust generation and subsequent suppression like regular water sprinkling on haul roads, loading/unloading points, and other areas prone to dust generation are carried out. Fugitive dust emissions from all sources are regularly controlled by installing required equipments and by adopting preventive maintenance. Effective safeguard measures have been adopted to ensure air pollution level conforms to the standards prescribed by the MoEFCC/ Central Pollution Control Board.		Date: 29/11/2024
17	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied As the immediate mining scheme envisages intersection of ground water table, a formal clearance from CGWA obtained vide NOC no. CGWA/NOC/MIN/ORIG/2022/15563 dated 19/05/2022 for drawing 485 m3/day. The permission for intersection of ground water table was granted by CGWA based on detailed hydro- geological study of the area.		Date: 29/11/2024
18	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintained. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug well located in village should be incorporated to ascertain the impact of mining over ground water table. The Report on changes in Ground 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.
PPs Submission: Complied a) There are no springs and perennial nallahs flowing within and around the Mining Lease. b) The natural water bodies and or streams which are flowing in an around the village, have not been disturbed. c) The Water Table nurtured so as not to go down below the pre-mining period. d) There is no water scarcity in the area. However, the Project Proponent provided water to the villagers for their use. e) A provision for regular monitoring of water table in open dug well located in village is being incorporated to ascertain the impact of mining over ground water table. f) The Report of Ground water level and quality is submitted on six-monthly basis to the Regional Office of the Ministry CGWA and State Pollution Control Board as a part of EC compliance. The Report is attached as Annexure 3.		Date: 29/11/2024

19	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied Established a network of existing wells as well as installed a new piezometer in and around mining lease area. Ground water level and quality of network wells around mine lease area monitored regularly and records are being maintained. The report of Ground water level is being submitted on six- monthly basis to the Regional Office of the Ministry, CGWA and State Pollution Control Board. Same is submitted as Annexure 3.		Date: 29/11/2024
20	WATER QUALITY MONITORING AND PRESERVATION	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 and maintain its records. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby/ adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-a-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.
PPs Submission: Complied There are no springs and perennial nallahs flowing within the Mining Lease. Regular monitoring of water quality upstream and downstream of water bodies passing nearby/ adjacent to the mine lease has been undertaken and records is being maintained. Sufficient number of gullies has been provided at appropriate places within the lease for management of water. Regular monitoring w.r.t. pH and it is being included in the monitoring plan. The parameters of water quality are being monitored as per CPCB criteria. There is no obstruction and/ or alteration made to water bodies during mining operations. There is no water course/bodies existing within mining lease area. However, the Mine seepage water is being monitored four times in a year viz. pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data are 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. The Report is submitted as Annexure 3.		Date: 29/11/2024
21	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied There is no polluted water generated during mining operation. There is no acid mine drainage from the mine. The monitoring of the pit water including Chemical Oxygen Demand (COD), Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS) and other parameters are being carried out. The monitoring data is uploaded on the website. Monitoring data are displayed on the website. Monitoring data is displayed on display board at the main gate of project site.		Date: 29/11/2024
22	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied The runoff from the mine surface and dump runoffs will be diverted to the open mine pit through network of trenches and garland drains wherein the open pit will act as a groundwater recharge pit. Rainwater harvesting /ground water recharge measures as suggested in Hydrogeological report which was submitted to CGWB has been complied. Report on amount of water recharged submitted Regional Office MoEFCC annually as a part of half yearly EC compliance. The Report is attached as Annexure 4.		Date: 29/11/2024
23	WATER QUALITY MONITORING AND PRESERVATION	Industrial wastewater (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.
PPs Submission: Complied There is no industrial wastewater (No workshop and no waste water from the mine) generated from the mine.		Date: 29/11/2024
24	WATER QUALITY MONITORING AND PRESERVATION	The water balance/water auditing shall be carried out and measures 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.
PPs Submission: Complied Water balance is prepared in Hydrogeological studies. comprehensive hydrogeological studies have been submitted. The water balance chart is attached as Annexure-5.		Date: 29/11/2024
25	Noise Monitoring & Prevention	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
PPs Submission: Complied No blasting is involved in mining operations. Blasting operation is replaced by the Ripping and Dozing operation. Hence, the DGMS guidelines / circulars no.DGMS(Tech.)(SandT)/circular no. 07 of 1997 dated 29th August 1997 and DGMS(Tech.)(SandT)/circular no. 06 of 2007 dated 28th May 2007 not applicable to this mine.		Date: 29/11/2024
26	Noise Monitoring & Prevention	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.
PPs Submission: Complied "The mining operations conducted strictly adhere to daylight hours, ensuring no mining activities occur during the nighttime. This practice effectively mitigates any potential disruptions to the villagers' biological clock caused by illumination and sound disturbances during nighttime. As a result, the absence of mining operations during nighttime ensures the villagers are not subjected to sleeping disorders or other health issues." Noise level monitoring is being done once in every season. Noise level reports is attached as Annexure-6.		Date: 29/11/2024
27	Noise Monitoring & Prevention	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.
PPs Submission: Complied The Project Proponent has successfully implemented measures to ensure noise levels in the work environment are maintained below 85 dBA. Additionally, ear plugs or muffs have been provided to all workers engaged in operations such as HEMM, ensuring their safety and compliance with noise control regulations. All personnel including labours working in potential dusty areas are provided with protective respiratory devices, Nose Mask. To further ensure worker safety, comprehensive training, awareness programs, and safety briefings are conducted to inform workers about the importance of using PPE and to educate them on safety and health aspects. Regular monitoring is conducted to ensure that all workers use personal protective equipment.		Date: 29/11/2024
28	MINING PLAN	The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as required under the Provision of the MMDR Act, 1957 and Rules/ Guidelines made there under. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned Regional Office of the Ministry of Environment, Forest and Climate Change for record and verification.
PPs Submission: Agreed to Comply The Project Proponent will obtain approval for the Final Mine Closure Plan and Financial Assurance from the Indian Bureau of Mines/Department of Mining and Geology, as required by the provisions of the MMDR Act, 1957 and its associated Rules/Guidelines. A copy of the approved final mine closure plan will be submitted within 2 months of approval by the competent authority to the relevant Regional Office of the Ministry of Environment, Forest and Climate Change for record-keeping and verification purposes.		Date: 29/11/2024
29	MINING PLAN	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-a-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.

PPs Submission: Being Complied The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life is being governed as per the approved Mining Plan. The excavation vis-a-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area will be as per approved mining plan. Lessee will monitor and will manage the rehabilitated areas until the vegetation becomes self-sustaining. The compliance status is being submitted half-yearly to the MoEFCC and its concerned Regional Office.		Date: 29/11/2024
30	LAND RECLAMATION	(1) The Overburden (O.B.) 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 dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by D.G.M.S w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of top soil/OB dumps. The topsoil shall be used for land reclamation and plantation.
PPs Submission: Complied The Overburden (O.B.) generated during the mining operations has been stacked at earmarked OB dump site and it will not be kept active for a long period of time. The physical parameters of the OB dumps like height, width and angle of slope is maintained as per the approved Mining Plan and as per the guidelines/circulars issued by D.G.M.S w.r.t. safety in mining operations to maintain the stability of top soil/OB dumps. Topsoil is stacked separately and will be used during reclamation and plantation.		Date: 29/11/2024
31	LAND RECLAMATION	The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
PPs Submission: Complied The reject/waste generated during the mining operations stacked at earmarked waste dump site as per the approved mining plan and guidelines and circulars issued by DGMS w.r.t. Safety in mining operations is followed.		Date: 29/11/2024
32	LAND RECLAMATION	The reclamation of waste dump sites shall be done in scientific manner as per the Approved Mining Plan cum Progressive Mine Closure Plan.
PPs Submission: Complied Reclamation of waste Dump will be done in a scientific manner as per approved Mining Plan cum Progressive Mine Closure Plan.		Date: 29/11/2024
33	LAND RECLAMATION	The slope of dumps shall be vegetated in a 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.
PPs Submission: Complied Slope of the dumps will be initially covered with geotextiles and leguminous grass seeds will be broadcasted over these dumps to control the erosion; Adequate height of the bund and trenches are		Date: 29/11/2024

provided all along the periphery of the dump to avoid gully formation. Dump is stabilized with the help of dozer. Thus, stabilized dumps will be further brought under plantation with local species. In critical areas, geo textiles are used for stabilization of the dump.		
34	LAND RECLAMATION	The Project Proponent shall carry out slope stability study in case the dump height is more than 30 meters. The slope stability report shall be submitted to concerned regional office of MoEF&CC.
PPs Submission: Complied Height of the dump is being maintained as per the Approved mining plan and which is not more than 30 meters. Slope stability study has been carried out by NIRM and recommendations are being implemented. The slope stability report carried out by NIRM is attached as Annexure 7.		Date: 29/11/2024
35	LAND RECLAMATION	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.
PPs Submission: Complied Environmental protective measures like retaining wall, settling tanks, garland drains, are constructed around mining pit and OB dump, Top Soil to prevent surface runoff of water. All surface runoff water is diverted to mining pit through garland drains, series of check dams and trenches. Rainwater collected in the pit will be utilized for gainful purposes such as supplying water for dust suppression, plantation Garland drains and settling pond will be desilted regularly. Photographs of the environmental protective measures is attached as Annexure-8.		Date: 29/11/2024
36	LAND RECLAMATION	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.
PPs Submission: Complied Check dams are designed and constructed with appropriate dimensions to prevent surface runoff and sediment flow into adjoining water bodies considering the rainfall. Additionally, a safety margin of 50 percent is maintained in the design of sump structures, accounting for peak rainfall based on 50 years of data and maximum discharge in the mine and adjoining areas. Sedimentation pits are constructed at the corners of the garland drains		Date: 29/11/2024
37	LAND RECLAMATION	The top soil, if any, shall temporarily be stored at earmarked site(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved Mining Plan and as per the guidelines framed by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of dumps. The topsoil shall be used for land reclamation and plantation purpose.
PPs Submission: Complied Top soil is temporarily stacked separately at earmarked site(s) within the mine lease. The physical parameters of the top soil dumps like height, width and angle of slope is maintained as per the approved Mining Plan and DGMS guidelines. Top soil will be used for land reclamation and plantation.		Date: 29/11/2024

38	MISCELLANEOUS	<p>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.</p>
<p>PPs Submission: Complied</p> <p>The transportation of the mineral is through the adjacent Mining Lease. Water sprinkling is being done regularly. Vehicular emissions kept under control and regularly monitored. Lessee has obtained Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.</p>		<p>Date: 29/11/2024</p>
39	MISCELLANEOUS	<p>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.</p>
<p>PPs Submission: Complied</p> <p>The main haulage road within the mine lease is provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease are wetted regularly with tanker-mounted water sprinkling system. Due to the higher moisture content in the iron ore, there are no concerns regarding the generation of dust at the site. Vehicular emissions are being kept under control and regularly monitored.</p>		<p>Date: 29/11/2024</p>
40	GREENBELT	<p>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.</p>
<p>PPs Submission: Complied</p> <p>An area of 270 sq.m. has been undertaken to developed as green belt development.</p>		<p>Date: 29/11/2024</p>
41	GREENBELT	<p>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</p>

		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.
PPs Submission: Agreed to Comply Reclamation will be undertaken as per the Approved Mining Plan. Afforestation on reclaimed area of mining lease, around water body, along the roadsides, in community areas will be carried out in the consultation with the Gram panchayat. The CPCB guidelines in this respect will be adhered.		Date: 29/11/2024
42	GREENBELT	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.
PPs Submission: Complied We have made necessary alternative arrangements for livestock feed by developing grazing land. The development of such grazing land will be done in consultation with the State Government/institutions. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, will be scrupulously guarded/ protected against felling and plantation of such trees will be promoted.		Date: 29/11/2024
43	GREENBELT	The Project Proponent shall undertake all precautionary measures for conservation and protection of endangered flora and fauna and Schedule-I species during mining operation. A Wildlife Conservation Plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The Plan shall be approved by Chief Wildlife Warden of the State Govt.
PPs Submission: Complied Wildlife Conservation Plan is prepared and submitted for the approval of Chief Wildlife Warden, Nagpur, Maharashtra.		Date: 29/11/2024
44	GREENBELT	And implemented in consultation with the State Forest and Wildlife Department. A copy of Wildlife Conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the Ministry.
PPs Submission: Complied Implementation of Wildlife Management Plan and its status shall be submitted to Regional Office(annually).		Date: 29/11/2024
45	Human Health Environment	The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintained properly. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like BP, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial/ preventive measures be taken. A status report on the same may be sent to MoEFCC Regional Office and DGMS on half-yearly basis.

<p>PPs Submission: Complied</p> <p>We have appointed OHS specialist for regular as well as periodical medical examination of Workers engaged in mining activities. Initial medical examination (IME) of workers engaged in mining activity has been completed as per rule 29(b) of Mines Rule 1955. The records of the medical examination are maintained in Form O under rule 29(b) of Mines Rule 1955. Check-up will be undertaken and intimated to MoEFCC once in six months. A summary statement of medical examination on the same is attached as Annexure 9.</p>			Date: 29/11/2024
46	Human Health Environment	<p>The Project Proponent must demonstrate commitment to work towards 'Zero Harm' from their mining activities and carry out Health Risk Assessment (HRA) for identification workplace hazards and assess their potential risks to health and determine appropriate control measures to protect the health and wellbeing of workers and nearby community. The proponent shall maintain accurate and systematic records of the HRA. The HRA for neighborhood has to focus on Public Health Problems like Malaria, Tuberculosis, HIV, Anemia, Diarrhea in children under five, respiratory infections due to bio mass cooking. The proponent shall also create awareness and educate the nearby community and workers for Sanitation, Personal Hygiene, Hand washing, not to defecate in open, Women Health and Hygiene (Providing Sanitary Napkins), hazard of tobacco and alcohol use. The Proponent shall carryout base line HRA for all the category of workers and thereafter every five years.</p>	
<p>PPs Submission: Complied</p> <p>Risk assessment and safety management has been implemented towards Zero Harm from the mining activities. Health Risk Assessment Study has been carried out and records are maintained. The Awareness program on Public Health Problems like Malaria, Tuberculosis, HIV, Anemia, Diarrhea in children under five, respiratory infections due to bio mass cooking, sanitation personal hygiene, hand washing, open defecation, women health and hygiene (Provided Sanitary Napkins), hazard of tobacco and alcohol use. was organized at Shree Mauli Vidya Mandir School. Photos attached as Annexure 9A The Proponent has carried out base line HRA for all the category of workers and thereafter every five years as per rule 29B of Mines Rule,1955.</p>			Date: 29/11/2024
47	Human Health Environment	<p>The Proponent shall carry out Occupational health surveillance which be a part of HRA and include Biological Monitoring where practical and feasible, and the tests and investigations relevant to the exposure (e.g. for Dust a X-Ray chest; For Noise Audiometric; for Lead Exposure Blood Lead, For Welders Full Ophthalmologic Assessment; for Manganese Miners a complete Neurological Assessment by a Certified Neurologist, and Manganese (Mn) Estimation in Blood; For Inorganic Chromium- Fortnightly skin inspection of hands and forearms by a responsible person. Except routine tests all tests would be carried out in a Lab accredited by NABH. Records of Health Surveillance must be kept for 30 years, including the results of and the records of Physical examination and tests. The record of exposure due to materials like Asbestos, Hard Rock Mining, Silica, Gold, Kaolin, Aluminium, Iron, Manganese, Chromium, Lead, Uranium need to be handed over to the Mining Department of the State in case the life of the mine is less than 30 years. It would be obligatory for the State Mines Departments to make arrangements for the safe and secure storage of the records including X-Ray. Only conventional X-Ray will be accepted for record purposes and not the digital one). X-Ray must meet ILO criteria (17 x14 inches and of good quality).</p>	
<p>PPs Submission: Complied</p> <p>Initial medical examination (IME) of workers engaged in mining activity has been completed as per rule 29(b) of Mines Rule 1955. The records of the medical examination are maintained in Form O under rule 29(b) and Periodical Medical Examination (PME) of the workers has been carried out by Occupational Health specialist as per DGMS guidelines. Records are being maintained.</p>			Date: 29/11/2024

48	Human Health Environment	The Proponent shall maintained a record of performance indicators for workers which includes (a) there should not be a significant decline in their Body Mass Index and it should stay between 18.5 - 24.9, (b) the Final Chest X-Ray compared with the base line X-Ray should not show any capacities ,(c) At the end of their leaving job there should be no Diminution in their Lung Functions Forced Expiratory Volume in one second (FEV1),Forced Vital Capacity (FVC), and the ratio) unless they are smokers which has to be adjusted, and the effect of age, (d) their hearing should not be affected. As a proof an Audiogram (first and last need to be presented), (e) they should not have developed any Persistent Back Pain, Neck Pain, and the movement of their Hip, Knee and other joints should have normal range of movement, (f) they should not have suffered loss of any body part. The record of the same should be submitted to the Regional Office, MoEFCC annually along with details of the relief and compensation paid to workers having above indications.
PPs Submission: Complied Initial medical examination (IME) of workers engaged in mining activity has been completed as per rule 29(b) of Mines Rule 1955. The records of the medical examination are maintained in Form O under rule 29(b) and Periodical Medical Examination (PME) of the workers has been carried out by Occupational Health specialist as per DGMS guidelines. The mine operations are commenced, and workers are freshly appointed in Nov 2022. Records are being maintained.		Date: 29/11/2024
49	Human Health Environment	The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
PPs Submission: Complied All necessary Personal Protective Equipments (PPEs - DGMS approved) such as safety helmet, safety shoes, dust mask, ear plugs, fluorescent jackets, lifeguards, safety gloves and safety goggles are provided to all the workers employed in the mine as per the Mines Act,1952. Regular training sessions and awareness program are carried out on safety and health aspects.		Date: 29/11/2024
50	Human Health Environment	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, creche 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.
PPs Submission: Complied Most of the workers/labours engaged are from local village only and hence there is no need for accommodation facilities. However, the basic facilities like drinking water, Canteen, health care, rest shelter, ODF facility etc. are provided as per sec 19,20 and 21 of The Mines Act,1952.		Date: 29/11/2024
51	Human Health Environment	The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry along with District Administration.
PPs Submission: Complied Activities proposed in the Action plan prepared for addressing the issues raised are being		Date: 29/11/2024

implemented as per the budgetary provisions mentioned in the action plan and within the stipulated time frame. The status of the same is given as Annexure-10.		
52	Corporate Environmental Responsibility	The activities and budget earmarked for Corporate Environmental Responsibility (CER) as per Ministry's O.M No 22-65/2017-1A. II (M) dated 01.05.2018 or as proposed by EAC should be kept in a separate bank account. The activities proposed for CER shall be implemented in a time bound manner and annual report of implementation of the same along with documentary proof viz. photographs, purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF&CC annually along with audited statement.
PPs Submission: Complied The activities proposed for CER has been implemented and budget earmarked for CER has been kept in separate bank account. The annual statement of expenditure incurred against Corporate Environmental Responsibility (CER) with photographs is attached as Annexure 8.		Date: 29/11/2024
53	Corporate Environmental Responsibility	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 MoEFCC and its concerned Regional Office.
PPs Submission: Complied 1. We have kept funds earmarked for environmental protection measures in a separate account head and the fund is not diverted to other purposes. 2. Expenditure incurred during compliance period on environmental protection measures is attached as Annexure-8		Date: 29/11/2024
54	MISCELLANEOUS	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.
PPs Submission: Complied As per sub rule (5) of rule 34A of MCDR, 2017, Drone survey has been carried out. Digital map (land use and land cover) of the entire lease area will be done once in five years.		Date: 29/11/2024
55	MISCELLANEOUS	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.
PPs Submission: Agreed to Comply Agreed		Date: 29/11/2024
56	MISCELLANEOUS	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.
PPs Submission: Complied Compliance report is being prepared and submitted to the MoEFCC on six monthly basis. Last compliance submitted for period from October-2023 to March-2024 on 30/05/2024.		Date: 29/11/2024
57	MISCELLANEOUS	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, MoEFCC.
PPs Submission: Complied A separate Environment Management Cell, with qualified environment persons is formed under the control of head of the organization. Meetings are conducted periodically in which the environmental issues are discussed, reviewed and addressed. The detailed environmental cell chart detailing the qualifications of the executives is laid down. Environment Management Cell is constituted, and its composition is enclosed as Annexure-11.		Date: 29/11/2024
58	MISCELLANEOUS	The concerned Regional Office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officer(s) by furnishing the requisite data / information / monitoring reports.
PPs Submission: Agreed to Comply Agreed.		Date: 29/11/2024
59	MISCELLANEOUS	The Project Proponent shall ensure that only one proponent will work at the common boundary at a time for excavation of 6m depth/bench and then other proponent will work at the common boundary to achieve the same bottom RL/bench so as to maintain same level at common mine boundary by both the proponents.
PPs Submission: Complied It is ensured that only one proponent will work at the common boundary at a time for excavation of 6m depth/bench. MoU is signed between both project proponents for common boundary working. SOP has been amended and implemented and is attached as Annexure 12.		Date: 29/11/2024
60	MISCELLANEOUS	Backfilling of the exhausted area needs to be undertaken immediately on completion of the common mine boundary workings.
PPs Submission: Complied Common Boundary working permission is valid for 5 years. Immediate backfilling of the exhausted area will be done once the common boundary working is completed.		Date: 29/11/2024
61	MISCELLANEOUS	The Project Proponent needs to ensure the safety during mining in common mine boundary.
PPs Submission: Complied All mining operations are carried out under the supervision of competent person like Mines Foreman, Assistant Mines Manager, Mines Manager, Surveyor, Geologist, Engineer as per the Mines Act, 1952; The Metalliferous Mines Regulation, 1961; The Mines Rule, 1955.		Date: 29/11/2024
62	MISCELLANEOUS	After the commencement of mining operations at common boundary, the Project Proponent needs to assess the dust emissions from mining activities including common boundary workings by National Institute of Technology (NIT), Surathkal as per the guidelines of CPCB and DGMS.
PPs Submission: Complied After the commencement of mining operations at common boundary, dust emissions monitoring has been carried out by NIT, Surathkal as per the guidelines of CPCB and DGMS on (Dec 2022). The recommendations of the above study report, are being implemented and followed.		Date: 29/11/2024
63	MISCELLANEOUS	The Project Proponent shall strictly adhere to the recommendations of the scientific study on slope stability assessment carried out by National Institute of Rock Mechanics (NIRM).

PPs Submission: Complied Scientific study on slope stability assessment has been carried out by National Institute of Rock Mechanics (NIRM) and Recommendations given by NIRM are being implemented. The slope stability report carried out by NIRM is attached as Annexure 7.		Date: 29/11/2024
64	MISCELLANEOUS	The Project Proponent needs to desilt the garland drains and retention wall periodically.
PPs Submission: Complied Desiltation of garland drains and retention walls is conducted before the onset of monsoon season and at regular intervals, ensuring effective drainage.		Date: 29/11/2024
65	MISCELLANEOUS	The Project Proponent needs to utilize the rain water harvested for gainful purposes such as supply of water for irrigation to villagers, dust suppression and ground water recharge purpose and shall maintain the data and record for the same.
PPs Submission: Complied Utilization of the rain water harvested for gainful purposes such as supply of water for irrigation to farmers and villagers, dust suppression and ground water recharge purpose is being done regularly and maintained the data and records of the same.		Date: 29/11/2024
66	MISCELLANEOUS	The Project Proponent needs to undertake and implement the green belt development and restoration plan along with transplantation and compensatory afforestation as recommend by the Department of Botany, Shri Pancham Khemraj Mahavidyalaya College, Sawantwadi.
PPs Submission: Complied Green Belt development and restoration plan along with transplantation and compensatory afforestation is being implemented as per the recommendation by the department of Botany, Shri Pancham Khemraj mahavidyalaya College, Sawantwadi.		Date: 29/11/2024
67	MISCELLANEOUS	The amendment in EC to work within 7.5 meters and upto the common Boundary between Redi Iron Ore Mine of M/s Gogte Minerals Ltd and Redi Iron Ore of M/s Minerals & Metal Ltd shall be valid for five years from the date of issue of this letter or whenever the extraction in the area under consideration is completed, whichever is earlier.
PPs Submission: Agreed to Comply Agreed		Date: 29/11/2024
68	MISCELLANEOUS	All other terms and conditions mentioned in the EC letter dated 27.04.2022 shall remain unchanged.
PPs Submission: Complied Agreed		Date: 29/11/2024
69	MINING PLAN	The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral and waste production, lease area and scope of working (viz. method of mining, overburden and dump management, O.B and dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse

		environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt, in the form to Short Term Permit (STP), Query license or any other name.
PPs Submission: Complied Mine workings are carried out as per Approved Mining Plan.		Date: 29/11/2024
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		
<p>Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.</p>		