

31st May 2025

To

The Additional Principal Chief Conservator of Forests (C),
Ministry of Environment Forests and Climate Change,
4th Floor, E&F Wings, Kendriya Sadan,
Kormangala, Bangalore – 560 034

Respected Sir,

Subject: Submission of Six-monthly compliance report towards Environment Clearance for 2nd Half (period October 2024 to March 2025) for Vedanta Limited Iron Ore Mine (ML: 2677) situated in Chitradurga, Karnataka.

Reference:

1. Environmental Clearance letter no: SEIAA 131 MIN 2023 (M) Dated 24/08/2023 of M/s Vedanta Limited Iron Ore Mine (ML: 2677)

With reference to the above subject, we are herewith submitting six monthly compliance report towards Environment Clearance for 2nd Half (period- October 2024 to March 2025) for Vedanta Limited Iron Ore Mine (ML:2677) situated in Chitradurga District, Karnataka.

Thanking you,

Yours Faithfully
For Vedanta Limited



Authorized Signatory

Copy to:

- 1.The Senior Environmental Officer, KSPCB, Parisara Bhavana, Church Street, Bangalore.
- 2.The Regional Environmental Officer, KSPCB, Chitradurga.

VEDANTA LIMITED

Sesa Goa Iron Ore, Karnataka Meghalahalli Office Complex, Bhoenamasandra, Chitradurga, Karnataka - 577 520 T 08194-238100 www.sesagoaironore.com

Registered Office: Vedanta Limited, 1st Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects, Chakala, Andheri (East), Mumbai 400093, Maharashtra, India.
CIN: L13209MH1965PLC291394

Half Yearly Compliance Report to condition of Environment Clearance issued by			
Ministry of Environment, Forest and Climate Change, Government of India for Vedanta Limited Iron Ore Mine, (Mining Lease: 2677)			
Letter No. SEIAA 131 MIN 2023 Dated 24/08/2023			
Production : 7.2 MTPA, as per Environment Clearance, however production limit for 2024-25 is 5.89 MTPA			
Period: October 2024 to March 2025 (2 nd Half)			
S No.	Clearance Condition	Compliance Status	Remarks
A.	Specific Conditions		
1	Validity of this Environment Clearance is co-terminous with the lease period or 16 years from the date of issue of Environment Clearance letter whichever is earlier.	Complied	
2	Mine plan approved by the Indian Bureau of Mines, Bangalore shall be strictly implemented and shall not be operated beyond the validity period of the approved mining plan.	Mining operations will be carried out as per IBM approved mining plan.	
3	Baseline data on health profile of each of the workers shall be maintained.	All workers undergo Initial Medical Examination before joining the organization, the baseline data of all the workers is maintained. Periodic Medical Examination is also conducted as per the DGMS regulations.	Attached Medical Summary Report as Annexure-I
4	PAs should get the health check-up done for the mine workers on regular basis and submit report periodically.	Periodic Medical Examination is conducted as per the DGMS regulations.	Attached Medical Summary Report as Annexure-I
5	The SEIAA, Karnataka reserves the right to withdraw the environmental clearance subject to any change in the mining policy by the State Government as may be applicable to this project.	Noted and will be complied with.	

6	Mining shall be undertaken strictly in accordance with provisions of MM (D&R) Act 1957.	Complied and will be ensured	
7	All the conditions stipulated in the Consent for establishment issued (If applicable) by the Karnataka State Pollution Control Board should be effectively implemented	Complied and will be adhered to	

8	The mining operations shall not intersect ground water table. Prior approval of the SEIAA / Ministry of Environment & Forests and Central Ground Water Authority shall be obtained for mining below water table	The mining operations has not intersected the groundwater. In case of ground water intersection prior approval will be obtained.	
9	The topsoil, if any should be stacked at earmarked site only and should not be kept unutilized for a period more than 3 years. The topsoil should be used for reclamation and plantation.	No top soil is available within the mine lease as the entire area is broken up for mining and allied activities.	
10	Waste rock shall be stacked at earmarked site (s) only. The maximum height of the stack should not exceed 30m from the topography duly providing suitable terraces. The overall slope of the dump shall not exceed 28°. A retention wall shall be built around the waste rock dump to prevent sliding.	Over burden (OB) is stacked at earmarked dump site as per IBM approved in Mining plan, by adopting step dumping method on designated non mineralized areas within the lease and overall slope of the dump is not more than 28°. Finalized portions of the dumps are covered with geotextiles and afforested immediately. Retention wall and trench is constructed at the toe of dump.	
11	Catch drains and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from mine working area and rock dumps. The water so collected should be utilized for watering the haulage area, roads, green belt	Garland drains are constructed all along the toe of the dump to properly channelize the runoff water from the dump. 7 settling ponds of adequate size is constructed to arrest the silt. Water collected will be used in watering the green belt & haulage area roads. All the check dams, settling ponds and garland drains are desilted in the summer.	In FY 2024-25, ~10,000m ³ of desilting activity was conducted.

	development etc., the drains should be regularly de-silted particularly after monsoon and maintained properly.		
12	Dimension of the retaining wall at the toe of dumps within the mine to check run off and siltation should be based on the rainfall data.	Retaining walls & garland drains are constructed based on the design specified in the ICFRE approved R&R plan.	
13	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board within 3 months and report be submitted to the Authority.	The Senior geologist of KGWB, Chitradurga has suggested to conduct detailed hydrogeology study based on which conservation measures to be decided. The study conducted in May' 24 and the report submitted to Senior Geologist KGWB	
14	Appropriate mitigation measures should be taken to prevent pollution of nearby water bodies in consultation with the State Pollution Control Board.	Finalized dumps are covered with geotextiles and afforested thus prevent dump erosion, Rock wall followed by trench is constructed all along the dump. Series of settling ponds are provided to prevent any flow of silt out side the mine. Several check dams are constructed to further prevent any flow of silt in the nearby water bodies. Regular monitoring of water is done during monsoon.	

15	The project proponent shall submit commitment from the competent authority for drawl of requisite quantity of water for the project before starting work on the project.	NOC for 350KLD withdrawal has been issued by KGWB (Karnataka Ground Water Board)	Attached as Annexure-2
16	Suitable rainwater harvesting measures on long-term shall be planned and implemented in consultation with Regional Director, Central Ground Water Board for complete rain water harvesting by constructing check dams/converting quarried pits to rain water harvesting ponds.	The Senior Geologist of KGWB, Chitradurga has suggested to conduct detailed hydrogeology study based on which conservation measures decided. The study conducted in May'24 and the report also submitted to Senior Geologist of KGWB. As a part of Rainwater management check dams, Gully plugs are constructed. Regular desilting is done in village ponds to increase the catchment area.	Attached as Annexure-3
17	Vehicular emissions should be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of blocks.	Vehicles used for transporting ore are having the vehicle emission certificates. Regular maintenance of mining machinery and HEMM is carried out.	
18	Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka and the APCCF, Regional Office, MoEF, Bangalore.	Digital processing of entire mine lease using drone is conducted every year and report is submitted to IBM.	
19	This environmental clearance does not confer any right to the proponent on the land proposed for mining until and unless mine lease and all other statutory clearance are obtained from the respective department/agencies.	Noted	

20	The project authorities should undertake sample survey to generate data on pre-project community health status within a radius of 1 km from proposed mine.	Will be complied and report shall be submitted.	Check
21	Consent to operate if applicable shall be obtained from State Pollution Control Board prior to start of production from the mine	We have applied for CFE from KSPCB	
22	Proper sanitary facilities should be installed for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the labourers.	Proper sanitary facilities are provided in work place. There is no colony/residential facility near the mine lease area. Domestic waste generated is disposed scientifically. First aid station with dedicated paramedics and doctor is available within the mine lease area for health care facilities of laborers.	
23	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. The proponent shall contribute towards the cost of implementation of the plan and / or Regional Wildlife Management Plan for conservation of wild life. The amount so contributed shall be included in the project cost. A copy of the action plan may be submitted to the SEIAA, Department of Environment and Ecology, Govt. of Karnataka, and the Regional Office, MoEF, Bangalore within 3 months.	The detail plan was prepared and approved by Chief wild life warden. The approved plan has been implemented and completed.	

24	The project proponent shall delineate Mine Closure Plan/ exit protocol to rehabilitate the quarried out land to match its surrounding land use including removal, storage and reuse of waste rock from mine area to cover reclaimed area. Post Mine Land Use Plan with rehabilitation of quarried out area (with Plan and Section) provided and submit to SEIAA.	Will be complied	
25	Plantation monitoring programme during post project period for ensuring survival and growth rate of plantation in reclaimed area.	Will be complied	
26	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the SEIAA, Karnataka. Department of Environment and Ecology, Govt. of Karnataka and the Regional Office, MoEF, Bangalore 5 years in advance of final mine closure for approval.	Will be complied	
27	Retention walls should be a minimum of 2.5 mtr height with base of 3 mtr.	Retaining walls & garland drains are constructed based on the design specified by ICFRE in the ICFRE approved R&R plan.	
28	Check dams and gully plugs along the smaller streamlets in the area, should be constructed to arrest the loose soil flow from the mine area	During the monsoon period, run-off from the waste dumps and other areas are controlled by a series of Check dams and Settling ponds which helps in preventing runoff washout to reach in the natural streams. As per the	Attached as Annexure-3

			approved R&R plan, as much as 29 Check dams, 15 gully plugs and 7 settling ponds are constructed all along the lease boundary	
29	Particulars of dimensioned block production and dispatch shall be provided by the mine owner yearly		Will be complied	
30	The infrastructure of transport roads should be improved collectively by the mine owners of the area		Will be complied	
31	Village road from mine site to main road shall be maintained and black topped by the project proponent		Black topping of other village roads is also being undertaken on regular basis under the CSR scheme as per the instruction of district administration and requirements for the benefits of villagers. Roads are also regularly cleaned by manual sweeping to remove ore spillage from the transport trucks. A total of 32 workers are engaged for carrying out cleaning activity on daily basis at the junction and speed breakers. Moreover, the company has taken up initiative of planting native species along the roadside.	
32	The mine lease area to be properly demarcated using the last-long coordinates and duly erecting 4 feet concrete/granite pillars on the ground.		Complied	
33	No mining shall be undertaken outside the lease area		No mining is being carried outside the lease area	
34	The project Authorities shall maintain a margin of 7.5 meters along the lease boundary except in case where common boundary working permission is obtained from the competent authority		The 7.5m area along the lease boundary is maintained and only green belt development is taken up in the said area	
35	The project authority shall avoid stagnation of water in the mine pits which would turn out to be mosquito breeding centres resulting in spreading of diseases such as malaria, dengue, etc.		There is no stagnation of water in the mine pits	

36	The project proponent shall prevent damage to adjoining land, from fire due to activities during mining operation.	Training to all the employees on use of fire extinguishers has been provided. All the heavy earth moving machinery is provided with automatic fire extinguishers. Approach roads are provided in all the plantation areas in order to reach in case of emergency/ fire. Company has in-house water tankers which can be used to suppress fire.	
37	Haulage approach road should not be through village till the main road is reached.	Haulage road is within the mine lease area and not through village	
38	The project authorities shall get the health check-up of mine workers as well as people in the nearest vicinity of the mine for respiratory diseases such as silicosis and maintain records. Appropriate care shall be taken for remedy in case of prevalence of such health disorders.	All the mine workers have been screened for Silicosis. No cases reported. The people of nearby vicinity will also be screened for the same.	
39	Clearance NOC from the competent authority shall be obtained for transportation of water by tankers in order to avoid hardship to the competitive users	NOC for 350KLD withdrawal has been issued by KGWB (Karnataka Ground Water Board)	Attached as Annexure-2
40	This Environmental Clearance is granted subject to obtaining prior clearance from Forestry and Wildlife angle including clearance from the Standing Committee of the National Board for Wildlife if applicable. Further this Environmental Clearance does not necessarily implies that Forestry and Wildlife Clearance shall be granted to the project and that the proposal for Forestry and Wildlife Clearance shall be considered by the respective Authorities on their merits and decision taken. The investment made in the project if any based on	The detail plan was prepared and approved by Chief wild life warden. The approved plan has been implemented and completed.	

	Environmental Clearance so granted in anticipation from the forestry and wild life angle shall be entirely at the cost and risk of the project proponent and the SEIAA-Karnataka shall not be responsible in this regard in any manner.		
41	Solid waste/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016 / Hazardous & Other Waste Management Rules, 2016	Hazardous waste is handled, stored and disposed as per the Hazardous & Other Waste Management Rules, 2016	
42	Ambient air quality monitoring stations as prescribed in the statute be established for monitoring of pollutants, namely PM ₁₀ , PM _{2.5} , SO _x and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board wherever applicable	The ambient air quality monitoring is carried out in Core Zone as well as buffer zone. There are 6 monitoring stations in Core Zone and 4 monitoring stations in Buffer zone which is monitored twice in a week for every month. The results of ambient air quality are maintained and same are regularly submitted to regional Office of ministry and Karnataka State Pollution Control Board.	Ambient Air Quality Reports attached as Annexure-4
43	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the Mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data	The company regularly monitors the ground water level and quality of nearby 8 tube wells. The mining activity is being carried out at top of the hill. The pit top & bottom is 930 mts and 798.8 mts from M.S.L. which is way above the ground water level and therefore there is no influence on these bore wells due to mining activity. The company uses ground water only for Dust suppression and domestic usage. The monitoring reports are regularly submitted to MoEF, Central ground water Authority and Regional Director, Central Ground water Board	Ground water reports Attached as Annexure-5

	thus collected shall be sent regularly to MoEF&CC/RO.		
44	Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change./Regional Office	There are no water bodies adjacent to mine lease area. Some small ponds are available which has water mostly during monsoon, the quality of which is monitored on regular basis	
45	Controlled blasting techniques shall be practiced in order to mitigate ground vibrations, fly rocks, noise and air blast etc.. as per the guidelines prescribed by the DGMS.	The strata is soft so drilling and blasting is not required	
46	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.	Control measures like providing acoustic enclosures to DG sets are done. Staff working in the noise area is provided with ear plugs & ear muffs. All the mining machineries have air-conditioned cabins which provides noise and dust free environment to the operator. Regular monitoring of ambient and personal noise is done	Noise monitoring and Personal noise reports attached as Annexure 6
47	The company / project proponent shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company / Project proponent shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or	Vedanta has separate Environment policy and it is approved by our Board of Directors. The purpose is to achieve excellence in environment management. Also we are having Energy and Carbon policy, Water Management policy and Biodiversity policy. The expenditure copy will be submitted in next Six month EC report	

	shareholders / stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report																				
48	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report	<table><tr><td>1</td><td>General and Statutory Requirement</td><td>4,26,040</td></tr><tr><td>2</td><td>Dust Suppression</td><td>6,50,48,593.55</td></tr><tr><td>3</td><td>Afforestation and Mine Reclamation</td><td>2,10,41,579.81</td></tr><tr><td>4</td><td>Soil Erosion control Measures</td><td>77,25,290</td></tr><tr><td>5</td><td>Environmental Monitoring</td><td>35,85,379.82</td></tr><tr><td></td><td>Total (in Rs)</td><td>97826883.18</td></tr></table>	1	General and Statutory Requirement	4,26,040	2	Dust Suppression	6,50,48,593.55	3	Afforestation and Mine Reclamation	2,10,41,579.81	4	Soil Erosion control Measures	77,25,290	5	Environmental Monitoring	35,85,379.82		Total (in Rs)	97826883.18	
1	General and Statutory Requirement	4,26,040																			
2	Dust Suppression	6,50,48,593.55																			
3	Afforestation and Mine Reclamation	2,10,41,579.81																			
4	Soil Erosion control Measures	77,25,290																			
5	Environmental Monitoring	35,85,379.82																			
	Total (in Rs)	97826883.18																			
49	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out	Will be complied. The Report is attached.	Audit report attached as Annexure 7																		
50	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Will be complied																			
51	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company	Environment Statement Form-V has been submitted to KSPCB																			

52	The project authorities shall inform to the Regional Office of the MoEF&CC regarding commencement of Mining operations.	Complied																			
53	No further expansion or modifications in the project shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC)/ SELAA, Karnataka.	Noted and will be complied																			
54	The project proponent shall comply with provision contained in OM vide F.No. 22- 6512017-1A.III dated 20th October 2020, of the Ministry of Environment, Forest and Climate Change as applicable, regarding Corporate Environment Responsibility and shall execute action plan of Rain Water Harvesting, Solar Panels & Water Heaters, Plantation, Medical health checkup camps in the Government School & Public Areas of Megalahalli and Tanigehalli & Conducting Swatch Bharath Abiyan drive campaigns in nearby villages as submitted vide letter dated 10.08.2023	<table><tr><td>1</td><td>Rain Water Harvesting</td><td>5,53,000</td></tr><tr><td>2</td><td>Solar Panels</td><td>4,77,572</td></tr><tr><td>3</td><td>Plantation</td><td>15,000</td></tr><tr><td>4</td><td>Medical Camps</td><td>1,00,000</td></tr><tr><td>5</td><td>Swatch Bharath Abhiyan</td><td>7,50,000</td></tr><tr><td></td><td>Total (in Rs)</td><td>18,95,572</td></tr></table>	1	Rain Water Harvesting	5,53,000	2	Solar Panels	4,77,572	3	Plantation	15,000	4	Medical Camps	1,00,000	5	Swatch Bharath Abhiyan	7,50,000		Total (in Rs)	18,95,572	
1	Rain Water Harvesting	5,53,000																			
2	Solar Panels	4,77,572																			
3	Plantation	15,000																			
4	Medical Camps	1,00,000																			
5	Swatch Bharath Abhiyan	7,50,000																			
	Total (in Rs)	18,95,572																			
B.	General Conditions																				
1	No change in mining technology and scope of working shall be made without prior approval of the MoEF	If any changes were made in mining technology and scope of the working, it will be informed to the MOEF.																			

2	No change in the calendar plan including excavation, quantum of mineral and waste shall be made	Will be complied	
3	It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the MoEF, Govt. of India New Delhi.	Will be ensured	
4	Data on ambient air quality (PM_{10} , $PM_{2.5}$, SO_x , NO_x should be regularly submitted to the SEIAA Karnataka and the Regional Office, MoEF, Bangalore and the State Pollution Control Board / Central Pollution Control Board once in six months.	Complied	
5	Fugitive dust emission from all the sources should be controlled regularly. Water spray arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	Fugitive dust emissions from all the sources are controlled regularly by water spraying, covering the waste dumps with Coir mat. Water spraying on haul roads, loading and unloading points and at transfer points are carried out regularly for proper maintenance.	Fugitive emissions report attached as Annexure 8
6	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc should be provided with earplugs / muffs.	Control measures like providing acoustic enclosures to DG sets are done. Staff working in the noise area is provided with ear plugs & ear muffs. All the mining machineries have air conditioned cabins which provides noise and dust free environment to the operator.	
7	Wastewater from the mine should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of effluents.	There is no waste water discharge from the Mine. During monsoon the runoff water is collected in the settling pond. Only the overflow water is allowed into the natural stream. The natural stream water is collected in the village tank for public usage which is monitored and regularly submitted to regional office of ministry and Karnataka Pollution Control Board	

8	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.	Regular trainings are provided in safety and health aspects. Dust mask, Ear plugs and safety goggles are provided for the persons working in dusty areas.	
9	Occupational health surveillance program of the workers should be undertaken periodically i.e. once in 3 months to observe any contractions due to exposure to dust and take corrective measures, if needed. Quarterly report in this regard should be submitted to the Department of Environment and Ecology, Govt. of Karnataka and the Karnataka State Pollution Control Board and the Regional Office, MoEF, Bangalore.	Company has got an in house Occupational health unit with a fulltime doctor and nurses. All the hazards related to our activities are identified and addressed. Various health related training programs are conducted for the workers. Company has also adopted a formal HIV- AIDS policy. Periodic health checkups are also been conducted for all the employees working in the company.	
10	A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a senior Executive, who will report directly to the head of the organization	Separate Environmental Management cell has been established with qualified people who are reporting directly to head of the organization. Below are the contact details of the responsible persons- (1) Mr. Shrishaila Gouda (Head- IOK) Shrishaila.gouda@vedanta.co.in +91-9923289203 (M) (2) Ms. Sanjana Anchan (Head Env-IOK) Sanjana.anchan@vedanta.co.in +91-8867776612 (M)	Chief Executive Officer (CEO) ↓ Sanjana Anchan (Head Env- Karnataka) ↓ Sakthi Venkatesh (Officer Environment)
11	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the SEIAA	Year wise expenditure records are maintained separately for Environmental Protection Measures and the same is submitted regularly to regional office and Karnataka State Pollution Control Board. Expenditure for the year 2024-25 will be submitted in the next six-monthly compliance report.	

	Karnataka, the Department of Environment and Ecology, Golt. of Karnataka and Ecology, Government of Karnataka, and the Regional Office, MoEF, Bangalore		
12	The project authorities shall inform to the regional office of the ministry located at Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land and development work	Complied	
13	The APCCF, Regional Office of MoEF, Bengaluru; the Department of Environment and Ecology, Govt. of Karnataka and the Karnataka State Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full co-operation to the Officer (S) of these offices by furnishing the requisite data / information / monitoring reports.	Will be complied and ensured	
14	The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the SEIAA Karnataka, Department of Environment and Ecology, Government of Karnataka and the APCCF, Regional Office, MoEF, Bengaluru; the Central Pollution Control Board and the Karnataka State Pollution Control Board.	Complied	
15	The Half Yearly Compliance Reports (HYCRs) with its contents of a covering letter, compliance reports,	Complied	

	and environmental monitoring data has to be in PDF format merged into a single document. The email should clearly mention the name of project, EC No. & date, period of submission and to be sent to the Regional Office of MOEF&CC by email only at email ID rosz.bng-mefcc@gov.in . Hard copy of HYCRs shall not be acceptable		
16	A copy of the clearance letter will be marked to the concerned Panchayat. Local NGO, if any, from whom suggestion / representation has been received while processing the proposal.	Complied	
17	The project proponent should display the conditions prominently at the entrance of the project on a big panel board for the information of the public.	Complied	
18	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at http://environmentclearance.nic.in website of the MoEF&CC and http://seiaa.karnataka.gov.in website of SEIAA, Karnataka. A copy of the	Complied	Attached as Annexure-9

	same should be forwarded to the Department of Environment and Ecology, Government of Karnataka and the Regional Office, MoEF&CC, Bangalore.		
19	The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's office for 30 days.	Complied	
20	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.	Noted	
21	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.	Noted	
22	The SEIA or any other competent authority may alter / modify the above conditions or stipulate any further condition in the interest of environment protection.	Noted	
23	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted and all conditions will be complied with	

24	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	Noted	
25	In case of any material supported by documents/ court orders which is contrary, to the claim of the applicant and material facts produced, the SEIAA reserves the right to withdraw the EC at any point of time.	Noted	
	Additional Conditions		
1	Dust suppression measures have to be strictly followed	Fugitive dust generation is controlled by spraying the water on the main hauling road. The company has deployed 30 water tankers for suppressing the dust on Haul roads and its transport route. Green belt has developed all along the lease boundary and tall growing saplings have planted all along the roadside which acts as wind barrier. The ambient air quality monitoring is carried out twice a week in core zone as well as in buffer zone and results are regularly submitted to State Pollution Control Board.	
2	The PP shall strengthen the approach road to the quarry and the road leading to the crusher as per standard norms.	Not Applicable	
3	The PP shall comply with the observations made in the Certified Compliance report of MoEF&CC	Complied	

4	The PP shall Adhere to the compliance given to issues raised in the public hearing.	No public hearing was conducted during the issue of this EC	
5	The PP shall comply with the recommendations in R&R plan.	Complied	
6	The PP shall provide PHC facilities in near by villages.	We have a dedicated Mobile Health Unit(MHU) which provides medical facility to the surrounding villages. Regular Health camps also conducted.	
7	The PP shall establish conveyor belt system from mine head to railway siding.	Application for Forest Clearance for installation of conveyor belt from mine head to siding has filed and we are in the stage of obtaining Stage-I Clearance	Attached recommending letter from PCCF to ACS as annexure 9
8	The PP shall look into the possibilities for installing mineral beneficiation plant in project site.	Application for Environment Clearance of Wet beneficiation plant outside the mine lease has been made.	

AUTHORIZED SIGNATURE



Contact Details	
1	Address Vedanta Limited Iron Ore Mine (ML 2677) Meghalahalli Office Complex, Bheemasamudra Post, Chitradurga (Karnataka)- 577520 Registered Office Vedanta Limited, 1st Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects, Chakala, Andheri (East), Mumbai (Maharashtra)- 400093 (T) +91-8194238100 (F) +91-8194238180 (1) Mr. Shrishaila Gouda (Chief Executive Officer- IOK) Shrishaila.gouda@vedanta.co.in +91-9923289203 (M) (2) Ms. Sanjana Anchan (Head Env-IOK) Sanjana.anchan@vedanta.co.in +91-8867776612 (M) Latitude: N 14 13'34.61" Longitude: E 76 12'41.73" www.sesagoironore.com or www.vedantalimited.com
2	Contact Numbers
3	Contact details of the responsible persons-
4	GPS Location
5	Website

MONTH WISE - COMPANY & B P IME DONE LIST FOR THE MONTH OF OCTOBER -2024					
SL NO	E CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	IME
1	IK40004086	Mr.CHANDRASHEKAR .T	BURAV VERITAS INDIA	03-10-2024	IME
2	IK40004087	Mr.ARUMURAM MURUGESAN	BURAV VERITAS INDIA	03-10-2024	IME
3	IK40004088	Mr.CHANNAKESHA S M	ENCORE	10-10-2024	IME
4	IK40004089	Mr.CHETHANAB S B	ENCORE	10-10-2024	IME
5	IK40004090	Mr.HARJIT HANSE	PEREGRINE	14-10-2024	IME
6	IK40004091	Mr.TENNY SONTOKHI	PEREGRINE	14-10-2024	IME
7	IK40004092	Mr.K VASUDEVAN	ANIRUDDA	04-10-2024	IME
8	IK40004098	Mr.HANUMANTHAPPA M	SALIZ \$ CO	19--10-2024	IME
9	IK40004102	Mr.SUNIL KUMAR RISHIDEV	PROGRESSIVE	29-10-2024	IME
10	IK40004100	Mr.ROHAN KUMAR	PROGRESSIVE	10-10-2024	IME
11	IK40004101	Mr.ASHOK PASWAN	PROGRESSIVE	29-10-2024	IME
12	IK40004107	Mr.LALITH KUMAR HASDA	PROGRESSIVE	29-10-2024	IME
13	IK40003886	Mr.MARUTHI R	DHANARAJ	30-10-2024	IME
14	IK40003887	Mr.B PARAMESH	DHANARAJ	10-10-2024	IME
15		Mr.SAHANA	STAFF	30-10-2024	IME
16	IK40004081	Mr. ANAND KUMAR	PEREGRINE GUARDING PVT LTD	03-10-2024	IME
17	IK40004083	Mr.PANYAM THARUN GOWD	Chaithanya Geo Chem	30-10-2024	IME

MONTH WISE - COMPANY & B P PME DONE LIST FOR THE MONTH OF OCTOBER -2024					
SL NO	E CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	PME
1	IK40003025	KANVEPPA	CHANNAKESHA CANTEN	10-10-2024	PME
2	IK40000744	MOHAMMAD MUSHAHID BASHA	ENCORE	29-10-2024	PME
3	IK40004096	CHITRAPPA P	SALIZ & COMPANY	30-10-2024	PME

MONTH WISE - COMPANY & B P IME DONE LIST FOR THE MONTH OF NOVEMBER -2024					
SL NO	E CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	IME
1	IK40004120	Mr.GANESH KUMAR	PROGRESSIVE	04-11-2024	IME
2	IK40004130	Mr.CHINTOO KUMAR SAHA	PROGRESSIVE	11-11-2024	IME
3	IK40004121	Mr.JOGENDRA BASUMATARY	PEREGRINE	06-11-2024	IME
4	IK40004176	Mr.MANJUNATHA T O	BSV	13-11-2024	IME
5	IK40004179	Mr.KALLAPPA K.S	BSV	13-11-2024	IME
6		Mr.RAJU SINGH	BSV	18-11-2024	IME
7	IK40004180	Mr.C PRAKASH	BSV	13-11-2024	IME

8	IK40004174	Mr.ARUN KUMAR K	BSV	13-11-2024	IME
9	IK40004177	Mr.H T HALESH	BSV	13-11-2024	IME
10	IK40004178	Mr.CHIDANANDA K	BSV	13-11-2024	IME
11		Mr.GYANENDRA SINGH	BSV	18-11-2024	IME
12		Mr.RAMSHARAN SAHU	BSV	18-11-2024	IME
13	IK40004175	Mr.ARUN KUMAR R	BSV	13-11-2024	IME
14	IK40004273	Mr.SHARATH E	BSV	12-11-2024	IME
15	IK40004181	Mr.ANJANAMURTHI H	BSV	14-11-2024	IME
16	IK40004182	Mr. S NINGARAJU	BSV	14-11-2024	IME
17	IK40004144	Mr.UMESH CHANDRA	SEVENSKA	20-11-2024	IME
18	IK40003871	Mr.P CHARAN	SEVENSKA	20-11-2024	IME
19	IK40004167	Mr.MALLESHA	O/CHANNAKESHAVA	27-11-2024	IME
20		Mr.JADUNANDAN	BURRAU VERITAS INDIA PVT LTD	26-11-2024	IME
21		Mr.MAHANTHESHA B	BSV	13-11-2024	IME
22		Mr.ROHIT	BSV	18-11-2024	IME
23		Mr.MADAN BHATT RAI	PEREGRINE	28-11-2024	IME

MONTH WISE - COMPANY & B P PME DONE LIST FOR THE MONTH OF NOVEMBER -2024					
SL NO	E CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	PME
1	IK40001467	Mr.RAMESH K O	SAMRAT	11-11-2024	PME
2	IK40000738	Mr.ISHWAR YADHAV	BSV	12-11-2024	PME
3	IK40002455	Mr.KOTRA BASAYYA	BSV	12-11-2024	PME

MONTH WISE - COMPANY & B P IME DONE LIST FOR THE MONTH OF DECEMBER-2024					
SL NO	E CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	IME
1		Mr.MANJUNATH A	Chaithanya Geo Chem	24-12-2024	IME
2	IK40004216	Mr.RAHIS NADAF	PEREGRINE	24-12-2024	IME
3	IK40004215	Mr.TINKASH KUMAR	PEREGRINE	24-12-2024	IME
4	IK40004214	Mr.DABLU KUMAR	PEREGRINE	24-12-2024	IME
5	IK40004217	Mr.AJITH KUMAR	PEREGRINE	24-12-2024	IME
6	IK40004218	Mr.SHABAZ MUKHESHEE	SEVENSKA	26-12-2024	IME
7	IK40003874	Mr.GIRISH M	SEVENSKA	26-12-2024	IME
8	IK40004196	Mr.SIDDESH K	ENCORE	05-12-2024	IME
9	IK40004212	Mr.RAMESH L	BSV	03-12-2024	IME
10		Mr.SURESH KM	BSV	23-12-2024	IME

11	IK40004289	Mr.RUDRAMUNI	BSV	23-12-2024	IME
12	IK40004290	Mr.NAGARAJAPPA P M	BSV	23-12-2024	IME
13		Mr.VISHWANATHA	BSV	06-12-2024	IME
14		Mr.BARMAGOUNDA	BSV	26-12-2024	IME
15		Mr.ANIL KUMAR H K	BSV	23-12-2024	IME
16		Mr.AHASAN SHAIKH	BSV	27-12-2024	IME
17		Mr.SALAM SHAIKH	BSV	27-12-2024	IME
18		Mr.RAHIM SHAIKH	BSV	27-12-2024	IME
19	IK40004291	Mr.PAVAN JO	BSV	27-12-2024	IME
20		Mr.BACHHAN DAS	BSV	27-12-2024	IME
21	IK40004206	Mr.THIPPESWAMY N	O.CHANNAKESHAVA	28-12-2024	IME
22	IK40004099	Mr.PAVAN C	O.CHANNAKESHAVA	28-12-2024	IME
23		Mr.G K KUBENDRAPPA	O.CHANNAKESHAVA	28-12-2024	IME
24		Mr.HONNURSWAMY	BSV	27-12-2024	IME
25		Mr.RUDRRESH NAIK R	BSV	26-12-2024	IME
26		Mr.VEERESH KM	BSV	27-12-2024	IME
27		Mr.C OBALESH	BSV	23-12-2024	IME
28	IK40004293	Mr.KALLESH B S	BSV	23-12-2024	IME

MONTH WISE - COMPANY & B P PME DONE LIST FOR THE MONTH OF DECEMBER -2024					
SL NO	E CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	PME
1	IK40002884	Mr.UMESH T	O.CHANNAKESHAVA	28-12-2024	PME
2	IK40002869	Mr.GK PAVITRA	O.CHANNAKESHAVA	28-12-2024	PME
3	IK40001496	Mr.HANUMANTHAPPA C	O.CHANNAKESHAVA	28-12-2024	PME
4	IK40003029	Mr.VINAY KUMAR L	O.CHANNAKESHAVA	28-12-2024	PME
5	IK40001493	Mr.MANU H	O.CHANNAKESHAVA	28-12-2024	PME
6	IK40001495	Mr.KIRAN CS	O.CHANNAKESHAVA	28-12-2024	PME
7	IK40002879	Mr.CE SUDHINDRANATH	O.CHANNAKESHAVA	28-12-2024	PME
8	IK40002876	Mr.NARASIMHA MURTHI	O.CHANNAKESHAVA	28-12-2024	PME
9	IK40001497	Mr.G HARISH	O.CHANNAKESHAVA	28-12-2024	PME
10	IK40002868	Mr.RAGHU H	O.CHANNAKESHAVA	28-12-2024	PME
11	IK40000770	Mr.T G HANUMANTHA NAIK	BSV	14-12-2024	PME
12	IK40000401	Mr.BADAGI BASAPPA	CGC	30-12-2024	PME
13	IK40000406	Mr.JAYAPPA R	CGC	30-12-2024	PME
14	IK40002160	Mr. OBLESH NASIMHAPPA SANKER	PEREGRINE GUARDING PVT LTD	18-12-2024	PME

15	IK40002091	Mr. RAMCHANDRAPPA H CHALAGERI	PEREGRINE GUARDING PVT LTD	18-12-2024	PME
16	IK40002142	Mr. MARUTI NAYAK	PEREGRINE GUARDING PVT LTD	18-12-2024	PME

MONTH WISE - COMPANY & B P IME DONE LIST FOR THE MONTH OF JANUARY-2025					
SL NO	E CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	IME
1		Mr.MARUTHI GS	BSV	10-01-2025	IME
2		Mr.MANU D C	BSV	10-01-2025	IME
3		Mr.RANGASWAMY T V	BSV	10-01-2025	IME
4		Mr.ANICHHUR RAHAMAN	INNOVATIVE INFRA AND MINING	13-01-2025	IME
5	IK40004220	Mr.CHABILAL KOIRELA	PEREGRINE GUARDING PVT LTD	02-01-2025	IME
6		Mr.MAHESHA H	PEREGRINE GUARDING PVT LTD	03-01-2025	IME
7		Mr.NINGAPPA ANNIGERE	PEREGRINE GUARDING PVT LTD	18-01-2025	IME
8		Mr.YASUF MALLIEK	SVNT INFOTECH PVT LTD	10-01-2025	IME
9	IK40004231	Mr.BHOLANATH BAISHNAB	AMRUTH DOG GURU SERVICES [peregrine]	22-01-2025	IME
10		Mr.SHIVASHANKAR	SVENSKA TECHNOLOGIES PVT. LTD.	28-01-2025	IME

MONTH WISE - COMPANY & B P PME DONE LIST FOR THE MONTH OF JANUARY-2025					
SL NO	E CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	PME
1		Mr.H MURTHY	DHANUSH	11-01-2025	PME
2		Mr.THUMBLAPPA	DHANUSH	11-01-2025	PME
3		Mr.MARUTHESH H	OP COMMERCE PVT LTD	20-01-2025	PME
4		Mr.PRABHU B V M	OP COMMERCE PVT LTD	20-01-2025	PME
5		Mr.SACHINE S M	OP COMMERCE PVT LTD	20-01-2025	PME

MONTH WISE - COMPANY & B P IME DONE LIST FOR THE MONTH OF FEBRUARY-2025					
SL NO	E CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	IME
1		Mr.MANJUNATHA M	BSV	27-2-22025	IME
2		Mr.AKASH KUMAR RAM	PEREGRINE GUARDING PVT LTD	25-02-2025	IME
3		Mr.SURJADHA RABHA	PEREGRINE GUARDING PVT LTD	13-02-2025	IME
4		Mr.ISLASH LAKRA	PEREGRINE GUARDING PVT LTD	13-02-2025	IME
5		Mr.MANGAL HANDA	BSV	13-02-2025	IME
6		Mr.PRAMOD PADHAN	PEREGRINE GUARDING PVT LTD	01-02-2025	IME
7		Mr.SURIYA PEGU	PEREGRINE GUARDING PVT LTD	06-02-2025	IME
8		Mr.BANGARI.B	BSV	16-02-2025	IME

MONTH WISE - COMPANY & B P PME DONE LIST FOR THE MONTH OF FEBRUARY -2025					
SL NO	E CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	PME
1		Mr.DAMODHAR PRAJAPTI	PROGRESSIVE	17-02-2025	PME

MONTH WISE - COMPANY & B P IME DONE LIST FOR THE MONTH OF MARCH-2025					
SL NO	EPM- CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	IME
1		Mr.MARUTHIS	STPL	12-03-2025	IME
2	IK40003828	Mr.TRINADH	INNOVATIVE INFRA MINING SOLUTION	19-03-2025	IME
3	IK40004374	Mr.SANTHOSH K ABRAHAM	TRUPTI CONSTRUCTION	28-03-2025	IME
4	IK40004371	Mr.SUBHASH MORI	TRUPTI CONSTRUCTION	28-03-2025	IME
5	IK40004372	Mr.KAILASH SINGH	TRUPTI CONSTRUCTION	28-03-2025	IME
6	IK40004373	Mr.SADHU MAHTO	TRUPTI CONSTRUCTION	28-03-2025	IME
7	IK40004281	Mr.ANUP DEBGUPTA	PEREGRINE GUARDING PVT LTD	07-03-2025	IME
8	IK40004280	Mr.SARUP DEB	PEREGRINE GUARDING PVT LTD	07-03-2025	IME
9	IK40004285	Mr.CHIRANJIT BAISHNAB	AMRUTH DOG	13-03-2025	IME
10		Mr.SUJEET KUMAR SINGH	PEREGRINE GUARDING PVT LTD	07-03-2025	IME
11	IK40004274	Mr.SUMIT KUMAR	PEREGRINE GUARDING PVT LTD	04-03-2025	IME
12	IK40004381	Mr.MANOJ KUMAR	B.S.V.EARTHMOVERS	25-03-2025	IME
13	IK40004304	Mr.APPU K	B.S.V.EARTHMOVERS	17-03-2025	IME
14	IK40004382	Mr.K BULLESH	B.S.V.EARTHMOVERS	25-03-2025	IME
15		Mr.AJAY S	B.S.V.EARTHMOVERS	05-03-2025	IME
16	IK40004294	Mr.MANIRUL SHAIKH	B.S.V.EARTHMOVERS	12-03-2025	IME
17	IK40004284	Mr.L SHAUKATH ALI	B.S.V.EARTHMOVERS	08-03-2025	IME
18	IK40004288	Mr.DHARSHAN	B.S.V.EARTHMOVERS	08-03-2025	IME
19	IK40004295	Mr.INJAMAMUL LAQUE MALLA	B.S.V.EARTHMOVERS	12-03-2025	IME
20	IK40004303	Mr.ROHIT PANDYE	VEDANSH INFRA SERVICES	01-03-2025	IME
21	IK40004296	Mr.KMALESH JAT	VEDANSH INFRA SERVICES	01-03-2025	IME
22	IK40004299	Mr.DWARKA PRASAD	VEDANSH INFRA SERVICES	08-03-2025	IME
23	IK40004298	Mr.BUDHIPRAKASH DHOLI	VEDANSH INFRA SERVICES	08-03-2025	IME
24	IK40004300	Mr.ISHWAR DAS	VEDANSH INFRA SERVICES	08-03-2025	IME
25	IK40004301	Mr.MAHIPAL SINGH	VEDANSH INFRA SERVICES	08-03-2025	IME
26	IK40004302	Mr.UDAHI SINGH	VEDANSH INFRA SERVICES	08-03-2025	IME
27	IK40004297	Mr.ANIL VAISHNAV	VEDANSH INFRA SERVICES	08-03-2025	IME
28		Mr.Thippeswamy G	O.CHANNAKESHAHA	28-03-2025	IME

29	IK40004393	Mr.Bhongchand nayak	VEDANSH INFRA SERVICES	24-03-2025	IME
30	IK40004396	Mr.Ladu lal mali	VEDANSH INFRA SERVICES	21-03-2025	IME
31	IK40004394	Mr.Ladunath yogi	VEDANSH INFRA SERVICES	22-03-2025	IME
32	IK40004395	Mr.Ramprasad nayak	VEDANSH INFRA SERVICES	22-03-2025	IME

MONTH WISE - COMPANY & B P PME DONE LIST FOR THE MONTH OF MARCH -2025					
SL NO	EPM- CODE	NAME OF THE EMPLOYEE	NAME OF THE COMPANY	DATE OF - ME	PME
1		Mr.NAVEEN KUMAR B E	PERCEPTRONE	04-03-2025	PME
1	IK40001271	Mr. CHITRAPPA O	DHANRAJ CANTEEN	28-03-2025	PME
2	IK40001272	Mr. GIRISHA S	DHANRAJ CANTEEN	28-03-2025	PME
3	IK40001286	Mr. HANUMANTHAPPA PS	DHANRAJ CANTEEN	28-03-2025	PME
4	IK40001287	Mr. MANJUNATHA C	DHANRAJ CANTEEN	28-03-2025	PME
5	IK40001289	Mr. PRAVEEN K H	DHANRAJ CANTEEN	28-03-2025	PME
6	IK40001290	Mr. HANUMANTHA H	DHANRAJ CANTEEN	28-03-2025	PME
7	IK40001294	Mr. KIRAN KUMAR .S	DHANRAJ CANTEEN	28-03-2025	PME
8	IK40001295	Mr. N MANIKANTA	DHANRAJ CANTEEN	28-03-2025	PME
9	IK40001296	Mr. N L KALLESH	DHANRAJ CANTEEN	28-03-2025	PME
10	IK40001298	Mr. T RANGASWAMY	DHANRAJ CANTEEN	28-03-2025	PME
11	IK40001299	Mr. D R SRINIVASA	DHANRAJ CANTEEN	28-03-2025	PME
12	IK40001300	Mr. MADHUSUDAN U	DHANRAJ CANTEEN	28-03-2025	PME
13	IK40001306	Mr. M HANUMANTHAPPA	DHANRAJ CANTEEN	28-03-2025	PME
14	IK40001307	Mr. JAGADEESHA N	DHANRAJ CANTEEN	28-03-2025	PME
15	IK40001309	Mr. UMESH BABU M	DHANRAJ CANTEEN	28-03-2025	PME
16	IK40001435	Mr. RAGHU C	DHANRAJ CANTEEN	28-03-2025	PME
17	IK40002048	Mr. GURUMURTHY S	DHANRAJ CANTEEN	28-03-2025	PME
18	IK40002194	Mr. KAMPLESH H	DHANRAJ CANTEEN	28-03-2025	PME
19	IK40002928	Mr. KENCHAPPA	DHANRAJ CANTEEN	28-03-2025	PME
20	IK40002929	Mr. VENKATESHA C	DHANRAJ CANTEEN	28-03-2025	PME
21	IK40002930	Mr. AJAY A	DHANRAJ CANTEEN	28-03-2025	PME
22	IK40003021	Mr. AKASH T	DHANRAJ CANTEEN	28-03-2025	PME
23	IK40003071	Mr. MR. RAMESHA M	DHANRAJ CANTEEN	28-03-2025	PME
24	IK40003440	Mr. MR. RAJA NAIK	DHANRAJ CANTEEN	28-03-2025	PME
25	IK40003441	Mr. MR.GOWTHAM L	DHANRAJ CANTEEN	28-03-2025	PME
26	dhanaraj canteen	Mr. MANJUNATH J	DHANRAJ CANTEEN	28-03-2025	PME
27	dhanaraj canteen	Mr. MANU S	DHANRAJ CANTEEN	28-03-2025	PME
28	dhanaraj canteen	Mr. MR.HANUMANTHA N	DHANRAJ CANTEEN	28-03-2025	PME

29	dhanaraj canteen	Mr. MR.RANGASWAMY .S	DHANRAJ CANTEEN	28-03-2025	PME
30	dhanaraj canteen	Mr. MR. MARUTHI	DHANRAJ CANTEEN	28-03-2025	PME
31	dhanaraj canteen	Mr. Mr. PARAMESH B	DHANRAJ CANTEEN	28-03-2025	PME
32	IK40002507	Mr. HAMSALEKHA T H	CHANNAKESHAVA CANTEEN	28-03-2025	PME
33	IK40002552	Mr. THIPPESWAMY K	CHANNAKESHAVA CANTEEN	28-03-2025	PME
34	IK40002556	Mr. PRAVEENA D	CHANNAKESHAVA CANTEEN	28-03-2025	PME
35	IK40002636	Mr. AJJAYYA C	CHANNAKESHAVA CANTEEN	28-03-2025	PME
36	IK40002914	Mr. NAGARAJA A	CHANNAKESHAVA CANTEEN	28-03-2025	PME
37	IK40003126	Mr. MARULASIDDAPPA	CHANNAKESHAVA CANTEEN	28-03-2025	PME
38	IK40003241	Mr. BHARATH K S	CHANNAKESHAVA CANTEEN	28-03-2025	PME

05.09.2024

To

The Senior Geologist,
District Ground Water Office,
Groundwater Directorate,
Chitradurga District

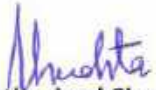
Respected Sir,

Subject: Submission of NOC Renewal Application form Request No. GWD2024519653

We are herewith submitting the of Ground Water NOC renewal Application form Request No. GWD2024519653 for Vedanta Limited Iron Ore Mine (ML:2677) situated in Chitradurga District, Karnataka.

Thanking you,

Yours Faithfully
For Vedanta Limited


Authorized Signatory

VEDANTA LIMITED

(A Narrain mines)

Enclosure:

- 1) Previous NOC
- 2) Hydrogeology Report
- 3) Rainwater Harvesting Structure Details
- 4) Water Balance Chart
- 5) STP Flow chart
- 6) Water Quality Reports
- 7) Latest CTO
- 8) Latest EC



VEDANTA LIMITED

Sesa Iron Ore, Karnataka Meghalahalli Office Complex Bheemasamudra, Chitradurga, Karnataka - 577 520. T 08194-238100. www.sesagoaironore.com

Registered Office: Vedanta Limited, 1st Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects, Chakala, Andheri (East), Mumbai 400033, Maharashtra, India.
CIN: L13209MH1965PLC291394



Karnataka Ground Water Authority

K.S.F.C Bhavan, Thimmaiah Road, Bengaluru- 560052, Karnataka.

E-mail: gwdkar@gmail.com, Ph No: 080-22268732

No: KGWAN1596952645

Dated : 15-09-2022

NO OBJECTION CERTIFICATE - FORM 3 A RULE(6)

Permission For Digging/Drilling A Well/ Borewell/ Extraction Of Groundwater For Industrial/
Commercial/ Entertainment Or Other Use

M/s VEDANTA LTD
SesaGhor 20 EDC complex, panjim, Goa



Above Person/Company is permitted for extraction of groundwater at below mentioned location(s):

SL NO.	LOCATION
1	21, A. Narrain Mines - Proposed BW-1, chitradurga taluk
2	21, A. Narrain Mines - Proposed BW-2, chitradurga taluk
3	21, A. Narrain Mines - Proposed BW-3, chitradurga taluk
4	21, A. Narrain Mines - Proposed - BW-4, chitradurga taluk
5	21, Right side North block road - Existing BW-1, chitradurga taluk
6	21, ML 2677, chitradurga taluk
7	21, ML 2677 - Existing BW-3, chitradurga taluk
8	21, ML 2677 - Existing BW-4, chitradurga taluk
9	21, ML 2677 - Existing BW-5, chitradurga taluk

From (9) Bore Wells For Mining Use, Subject To The Following Conditions :-

- ❖ The firm may abstract **350 m3/day** (not exceeding **127750 m3/year**) of groundwater through (9) bore wells only. No additional groundwater abstraction structures to be constructed for this purpose without prior approval of the KGWA.
- ❖ This NOC is valid for 2 years from the date of issue of this letter.
- ❖ As per the categorization of taluks, chitradurga taluk in Chitradurga district fall under Over Exploited taluk category. Hence, the Groundwater Abstraction/Restoration Charges to be paid is Rs. 1750 per day.
- ❖ The Firm at its own cost shall install piezometer/s, at suitable locations and execute groundwater regime monitoring programme in and around the project area on regular basis in consultation with the Senior Geologist, District Groundwater Office, Groundwater Directorate, **Chitradurga** District.

NO. OF PIEZOMETERS	MONITORING MECHANISM		
	MANUAL	DWLR	DWLR WITH TELEMETRY
1	0	1	0

- ❖ The firm shall submit the water audit report to KGWA through certified auditors within One year of issue of NOC for more than 100KLD Ground water users.
- ❖ The well should not be used for drawing water for any other use other than applied for.

- ❖ The withdrawal of water should be better managed to avoid wastage of water
- ❖ The utilized water should be recycled and reused after necessary treatment
- ❖ The construction of rain water harvesting structures in the vicinity of the well/ bore well shall be as per the technical opinion of Senior Geologist, District Groundwater Office, Groundwater Directorate,**Chitradurga** District.
- ❖ The utilization of water will be subject to the regulation from time to time based on the extraction of water from the well/bore well
- ❖ The pollution of groundwater resources should be avoided
- ❖ Water meter has to be installed and data on groundwater draft is to be maintained and submitted every month to the Authority concerned. The groundwater quality to be monitored twice in a year during pre-monsoon and post monsoon periods.
- ❖ **M/s VEDANTA LTD** shall, in consultation with the Senior Geologist, District Groundwater Office, Groundwater Directorate, **Chitradurga** District, implement groundwater recharge measures for augmenting the groundwater resources of the area.
- ❖ The photographs of the recharge structures after completion of the same are to be furnished immediately to the Senior Geologist, District Groundwater Office, Groundwater Directorate, **Chitradurga** District, for verification.
- ❖ The abstraction/restoration charges should be deposited to the Karnataka Groundwater Authority account in the form of DD / Cash.
- ❖ The groundwater monitoring data in respect of Point No. 4 & 12 to be submitted to Senior Geologist, District Groundwater Office, Groundwater Directorate, **Chitradurga** District on regular basis at least once in a year.
- ❖ The permission is liable to be cancelled in case of non-compliance of any of the conditions as mentioned in Point No. 1 to 15.
- ❖ The Karnataka Groundwater (Regulation for Protection of Sources of Drinking Water) Act, 1999 should be followed scrupulously.
- ❖ This NOC is subject to prevailing Central/State Government rules /laws or Court orders related to construction of bore well/ groundwater withdrawal /construction of recharge or conservation structures /discharge of effluents or any such matter as applicable.
- ❖ This NOC does not absolve the applicant / proponent of his obligation / requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.

BANK ACCOUNT DETAILS ARE GIVEN BELOW	
Bank	: CANARA BANK
Account Holder	: CHAIRMAN, KGWA
Account No	: 0788201052332
IFSC	: CNRB0000788
Account Type	: CURRENT ACCOUNT

- ❖ It is also informed that during the renewal of the NOC, depending upon the hydrogeological condition the category of the area and the site conditions, the quantity will vary from permitted quantity. The company should make alternate arrangements for the reducing quantity for sustaining their industrial activity by means of availing water through local bodies or using the urban waste water after proper treatment.
- ❖ The fee that will be levied by the government for the groundwater usage is applicable from the date such orders are issued by the government.
- ❖ The firm is bound to obey the directions of NGT/ court orders that are existing and that may be laid down in future in matters related to Groundwater withdrawal.
- ❖ ADDITIONAL CONDITIONS : 1) M/s. Vedanta Limited is permitted to abstract 350 m3/day (not exceeding 1,27,750 m3/year) of groundwater through Five (05) Existing bore wells and Four (04) Proposed Borewells. No additional groundwater abstraction structures to be constructed for this purpose without prior approval of the KGWA. 2) This NOC is valid for Two years from 15.09.2022 to 14.09.2024. 3) As per the categorization of taluks, Chitradurga taluk in Chitradurga district fall under Over Exploited taluk category. Hence, the Groundwater Restoration Charges to be paid is Rs.3500 per day. 4) The Firm at its own cost shall install One piezometer, at suitable locations and execute groundwater regime monitoring programme in and around the project area on regular basis in consultation with the Senior Geologist, District Groundwater Office, Groundwater Directorate, Chitradurga District. 5) The firm shall submit the water audit report through certified auditors within one year of completion of the same to KGWA.

This NOC has been issued as per the proceedings drawn from the meeting held under the Chairmanship of Deputy Commissioner, District Groundwater Committee, Chitradurga District on 01-02-2022 and the proceedings drawn from the Karnataka Groundwater Authority meeting held under the Chairmanship of Secretary & Chairman, Minor Irrigation and Groundwater Development Department and Karnataka Groundwater Authority on 20.07.2022..

To,

M/S VEDANTA LTD

SesaGhor 20 EDC Complex, Panjim, Goa



Copy For Information To,

1. The Deputy Commissioner, Chitradurga District
2. Regional Director, Central Groundwater Board, SWR.
3. The Director, Groundwater Directorate and Member Secretary, Karnataka Groundwater Authority, KSFC Bhavana, Bengaluru
4. The Deputy Director, Groundwater Directorate, KSFC Bhavana, Bengaluru

Place : Chitradurga

Date : 15-09-2022

(E-SIGN SIGNATURE)

**Signature of Designated Officer
Karnataka Groundwater Authority**

Details of groundwater recharge and Rainwater Harvesting structures constructed are as follows:

) Masonry Check Dam	CDL-1	21/20	1.0/1.5	2.0/3	3.5/3	Additionally Constructed
	CDR-1	8/20	1.3/1.5	1.5/3	2.5/3	Additionally Constructed
	CDR-2	7.8/20	1.0/1.5	2.0/3	2.0/3	Additionally Constructed
	CDR-3	21/20	1.0/1.5	2.0/3	2.5/3	Additionally Constructed
	CDR-4	21/20	1.0/1.5	2.0/3	3.5/3	Constructed as per site specific condition
	CDR-5	21/20	1.2/1.5	2.2/3	2.5/3	Additionally Constructed
	CDR-6	19/20	1.6/1.5	2.6/3	2.5/3	Additionally Constructed
	CDR-7	22.4/20	1.6/1.5	2.6/3	2.6/3	Constructed as per site specific condition
	CDR-8	21.6/20	1.4/1.5	1.6/3	3.5/3	Constructed as per site specific condition
	CDR-9	23.6/20	1.6/1.5	3.0/3	3.5/3	Constructed as per site specific condition
	CDR10	21/20	1.6/1.5	3.3/3	3.6/3	Constructed as per site specific condition
	CDR11	14.5/20	1.0/1.5	1.5/3	2.5/3	Constructed as per site specific condition
	CDR12	21/20	1.0/1.5	2.0/3	3.5/3	Constructed as per site specific condition
	CDR13	36/20	1.46/1.5	2.5/3	2.5/3	Additionally Constructed
	CDR14	19.6/20	1.4/1.5	2.4/3	2.6/3	Constructed as per site specific condition
	CDR15	14.2/20	1.5/1.5	2.5/3	2.2/3	Additionally Constructed
	CDR16	14/20	1.2/1.5	2.2/3	2.0/3	Additionally Constructed

	CDR17	16/20	1.0/1.5	2.6/3	2.0/3	Additionally Constructed
	CDF-1	19/20	1.2/1.5	2.0/3	3.0/3	Additionally Constructed
	CDF-2	33/20	1.5/1.5	2.5/3	3.5/3	Additionally Constructed
	CDF-3	10/20	0.8/1.5	1.0/3	2.0/3	Additionally Constructed
	CDF-4	14/20	1.4/1.5	2.2/3	2.0/3	Additionally Constructed
	CDF-5	20.4/20	1.3/1.5	2.3/3	3.0/3	Constructed as per site specific condition
	CDF-6	21.0/20	1.1/1.5	2.1/3	3.0/3	Constructed as per site specific condition
	CDF-7	19.2/20	1.4/1.5	3.0/3	3.2/3	Constructed as per site specific condition
	CDF-8	12.3/20	1.4/1.5	3.0/3	2.9/3	Constructed as per site specific condition
	CDF-9	24.6/20	1.45/1.5	3.1/3	3.2/3	Constructed as per site specific condition
	CDF10	20.2/20	2.1/1.5	3.0/3	3.0/3	Constructed as per site specific condition
	CDF11	20.5/20	1.5/1.5	2.5/3	3.1/3	Constructed as per site specific condition
	CDF12	22.3/20	1.6/1.5	3.5/3	3.4/3	Constructed as per site specific condition
	CDF13	18.2/20	0.9/1.5	2.0/3	2.5/3	Additionally Constructed
	CDF14	14.2/20	1.2/1.5	1.2/3	2.0/3	Additionally Constructed
	CDF15	23.2/20	1.8/1.5	3.1/3	3.0/3	Constructed as per site specific condition
	CDF16	9.6/20	1.0/1.5	2.0/3	2.5/3	Additionally Constructed
	CDF17	20.2/20	1.5/1.5	3.0/3	3.0/3	Constructed as per site specific condition
	CDF18	21.6/20	1.6/1.5	3.0/3	3.0/3	Constructed as per site specific condition
	SPR-1	60/30	15/15		3/3	Constructed as per site specific condition
	SPR-2	80/30	20/15		3.5/3	Additionally Constructed

Silt Settling Tank	SPR-3	10/30	10/15	3.0/3	Sump below Dump D2
	SPR-4	9/30	9/15	2.5/3	Additionally Constructed
	SPF-1	60/30	15/15	3/3	Constructed as per site specific condition
	SPF-2	60/30	15/15	3/3	Constructed as per site specific condition
	SPF-3	20/30	20/15	3/3	Additionally Constructed





Desilting of Check Dams & Settling Ponds:

Desilting is conducted every year and the silt is used for plantation. In FY 2024-25 ~10,000m³ of desilting was conducted in the nearby village ponds there by increasing the catchment area.





An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110022

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Core Zone - Fixed crushing cum Screening plant – 1 Shift - 1	
Duration of Sampling : 8 Hrs		Particulars of Sample Collected : Ambient Air	
Month of Sampling : November - 2024		Date of Sample Receipt : --	
Report Date: 10.12.2024			

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample No.	MGF540123	PTO71733	11240060	11240061
	MGF540198	PTO71741	11240104	11240105
	MGFB164755	PTO547006	11240216	11240217
	MGFB164753	PTO203820	11240260	11240261
	MGFA937141	PTO54141	11240353	11240354
	MGF539987	PTO547001	11240395	11240396
	MGF539985	PTO541535	11240476	11240477
	MGF539983	PTO541541	11240520	11240521
Date of Sampling	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
11.11.2024	62.4	40.2	33.5	17.5
12.11.2024	55.9	36.5	30.4	18.6
18.11.2024	62.4	38.4	29.5	16.2
19.11.2024	68.2	39.6	27.4	12.4
25.11.2024	65.1	34.5	32.6	15.9
26.11.2024	61.4	38.6	31.4	19.8
29.11.2024	60.8	41.1	34.5	17.3
30.11.2024	63.2	42.8	30.2	18.4
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Geake method
NAAQ Standards	100	60	80	80

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected; **NS:** No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**



Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

TC-13926

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 20241120023

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML :2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Loading Point - Shift - 1
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no.	MGF540190	PTO541534	11240062	11240063
	MGF540186	PTO54131	11240106	11240107
Date of Sampling	MGFA783562	PTO54134	11240218	11240219
	MGF539978	PTO71736	11240262	11240263
	MGF539977	PTO54144	11240355	11240356
	MGFA783563	PTO71735	11240397	11240398
	MGFA783523	PTO54126	11240478	11240479
	MGFA918706	PTO203805	11240522	11240523
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
11.11.2024	58.3	42.3	30.2	15.9
12.11.2024	61.2	40.1	32.5	17.4
18.11.2024	62.4	39.5	31.4	20.1
19.11.2024	60.8	38.4	29.6	15.6
25.11.2024	63.5	42.6	28.4	17.4
26.11.2024	67.4	45.5	27.6	19.6
29.11.2024	62.2	44.9	30.2	18.4
30.11.2024	65.3	38.9	34.1	15.6
Protocol Method	IS:5182 (Part 23) – Gravimetric method	:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note : The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

(Signature)

LABORATORY HEAD
(NEELAKANDAN)



TC-13926

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110024

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML :2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Core Zone – Un Loading Point - Shift - 1	
Duration of Sampling : 8 Hrs		Particulars of Sample Collected : Ambient Air	
Month of Sampling : November - 2024		Date of Sample Receipt : --	
Report Date: 10.12.2024			

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no.	MGFA918701	PTO541539	11240064	11240065
	MGFA937138	PTO541537	11240108	11240109
	MGFA937140	PTO71722	11240220	11240221
	MGFA164752	PTO54122	11240264	11240265
	MGFB164710	PTO54136	11240357	11240358
	MGFB164706	PTO71739	11240399	11240400
	MGF540185	PTO203806	11240480	11240481
	MGF540184	PTO203806	11240524	11240525
Date of Sampling	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
11.11.2024	61.2	38.9	29.6	15.6
12.11.2024	58.4	40.2	28.4	18.4
18.11.2024	59.6	41.6	30.1	17.6
19.11.2024	60.4	40.9	32.5	19.2
25.11.2024	65.2	39.5	34.9	15.6
26.11.2024	63.3	37.6	30.2	14.5
29.11.2024	61.7	38.2	34.7	19.6
30.11.2024	58.3	40.2	28.5	20.5
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note : The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**



TC-13926

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110025

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML :2677)		
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Core Zone – Main Haulage road - Shift - 1		
Duration of Sampling : 8 Hrs		Particulars of Sample Collected : Ambient Air		
Month of Sampling : November - 2024		Date of Sample Receipt : --		
Report Date: 10.12.2024				
Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no. Date of Sampling	MGFB164724	PTO203846	11240066	11240067
	MGFB164709	PTO54123	11240110	11240111
	MGFB164757	PTO53404	11240222	11240223
	MGFB164730	PTO54129	11240266	11240267
	MGFB164734	PTO54139	11240359	11240360
	MGFB164748	PTO53402	11240401	11240402
	MGFB164708	PTO54115	11240482	11240483
	MGFB164735	PTO203947	11240526	11240527
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
11.11.2024	62.4	40.2	30.1	15.6
12.11.2024	60.4	38.6	28.9	17.6
18.11.2024	63.8	37.4	33.4	19.5
19.11.2024	65.8	39.6	30.6	20.4
25.11.2024	59.4	40.1	33.9	18.6
26.11.2024	58.2	40.8	32.1	17.4
29.11.2024	58.8	38.5	33.2	16.5
30.11.2024	65.4	37.9	34.1	18.8
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note : The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

(Signature)

**LABORATORY HEAD
(NEELAKANDAN)**



TC-13926

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110026

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML :2677)		
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Core Zone – Ore Stack Area - Shift - 1		
Duration of Sampling : 8 Hrs		Particulars of Sample Collected : Ambient Air		
Month of Sampling : November - 2024		Date of Sample Receipt : --		
Report Date: 10.12.2024				
Parameter	PM₁₀ µg m³	PM_{2.5} µg m³	NO₂ µg m³	SO₂ µg m³
Sample no. Date of Sampling	MGF540138 MGFB164712 MGFB164716 MGFB164758 MGF540145 MGFB164732 MGFB164738 MGFB164741 (Chronologically date wise)	PTO541536 PTO71716 PTO71726 PTO54116 PTO53417 PTO54118 PTO71727 PTO203813 (Chronologically date wise)	11240068 11240112 11240224 11240268 11240361 11240403 11240484 11240528 (Chronologically date wise)	11240069 11240113 11240225 11240269 11240362 11240404 11240485 11240529 (Chronologically date wise)
11.11.2024	58.3	38.6	31.2	18.6
12.11.2024	56.4	40.1	30.6	16.4
18.11.2024	62.1	42.5	28.9	19.2
19.11.2024	63.8	46.8	28.1	20.1
25.11.2024	60.4	39.5	30.4	18.7
26.11.2024	59.4	41.5	33.6	17.5
29.11.2024	58.6	41.9	28.6	16.9
30.11.2024	59.6	42.5	29.1	15.9
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

(Signature)

**LABORATORY HEAD
(NEELAKANDAN)**



TC-13926

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110027

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML :2677)		
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Core Zone – MEMC Railway Siding - Shift - 1		
Duration of Sampling : 8 Hrs		Particulars of Sample Collected : Ambient Air		
Month of Sampling : November - 2024		Date of Sample Receipt : --		
Report Date: 10.12.2024				
Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no. Date of Sampling	MGF540119	PTO54108	11240070	11240071
	MGF540126	PTO71725	11240114	11240115
	MGF540127	PTO541542	11240226	11240227
	MGF540130	PTO71724	11240270	11240271
	MGF540106	PTO54113	11240363	11240364
	MGF540146	PTO71712	11240405	11240406
	MGF540136	PTO203811	11240486	11240487
	MGF540139	PTO71742	11240530	11240531
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
11.11.2024	56.6	41.2	30.1	18.5
12.11.2024	59.4	39.5	28.5	16.8
18.11.2024	62.5	38.4	29.6	17.4
19.11.2024	63.8	42.5	27.4	15.6
25.11.2024	64.1	41.9	31.5	15.2
26.11.2024	65.8	42.5	34.1	19.6
29.11.2024	59.5	40.6	32.6	17.6
30.11.2024	57.4	41.9	33.2	18.3
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAO Standards	100	60	80	80

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**



Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

TC-13926

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110028

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML :2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name :Transport Route Location – Bheema Samudhra Petrol Bunk
Duration of Sampling : 24 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no.	MGF539982	PTO54133		
	MGF539981	PTO53401		
	MGF539980	PTO71717		
	MGF539979	PTO71721	--	--
	MGF539998	PTO71715		
	MGF539997	PTO53405		
	MGF539996	PTO541547		
	MGF539995	PTO541543		
Date of Sampling	(Chronologically date wise)	(Chronologically date wise)		
11.11.2024	62.1	41.1	--	--
12.11.2024	60.3	40.9	--	--
18.11.2024	59.6	42.1	--	--
19.11.2024	57.4	43.9	--	--
25.11.2024	62.5	41.4	--	--
26.11.2024	60.7	38.5	--	--
29.11.2024	63.5	36.9	--	--
30.11.2024	66.4	37.1	--	--
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	--	--
NAAQ Standards	100	60	--	--

Note: The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110029

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML :2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name :Transport Route Location – Bomanahalli Village	
Duration of Sampling : 24 Hrs		Particulars of Sample Collected : Ambient Air	
Month of Sampling : November - 2024		Date of Sample Receipt : --	
Report Date: 10.12.2024			

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no.	MGF539994	PTO54124		
	MGF539993	PTO54112		
	MGF539992	PTO71711		
	MGFB164723	PTO71748	--	--
	MGFB164711	PTO54125		
	MGF53999	PTO541546		
	MGFB164722	PTO203849		
	MGFB164714	PTO203843		
Date of Sampling	(Chronologically date wise)	(Chronologically date wise)		
11.11.2024	58.4	38.4	--	--
12.11.2024	60.3	39.6	--	--
18.11.2024	64.1	42.1	--	--
19.11.2024	63.9	42.5	--	--
25.11.2024	59.8	41.6	--	--
26.11.2024	57.4	40.8	--	--
29.11.2024	60.5	40.9	--	--
30.11.2024	63.4	42.5	--	--
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	--	--
NAAQ Standards	100	60	--	--

Note : The result & inference pertains to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

(Signature)

**LABORATORY HEAD
(NEELAKANDAN)**



Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

TC-13926

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110030

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML2677)		
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Core Zone - Fixed crushing cum Screening plant – 1 Shift - 2		
Duration of Sampling : 8 Hrs		Particulars of Sample Collected : Ambient Air		
Month of Sampling : November - 2024		Date of Sample Receipt : --		
Report Date: 10.12.2024				
Parameter	PM₁₀ µg m³	PM_{2.5} µg m³	NO₂ µg m³	SO₂ µg m³
Sample no.	MGF540125	PTO54142	11240072	11240073
	MGFB164756	PTO71744	11240116	11240117
	MGFB164754	PTO203815	11240228	11240229
	MGF783522	PTO547007	11240272	11240273
	MGF539988	PTO54132	11240365	11240366
	MGF539986	PTO71732	11240407	11240408
	MGF539984	PTO541538	11240488	11240489
Date of Sampling	MGF540129	PTO203812	11240532	11240533
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
11.11.2024	58.6	42.1	32.1	19.5
12.11.2024	56.7	40.6	30.6	15.4
18.11.2024	58.1	41.7	28.6	19.3
19.11.2024	60.8	39.5	29.4	16.5
25.11.2024	62.5	37.9	30.5	17.4
26.11.2024	61.4	42.6	32.6	15.9
29.11.2024	63.9	40.1	30.6	14.5
30.11.2024	62.2	42.4	34.5	15.9
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note : The result & inference pertains to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)



TC-13926

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110031

AMBIENT AIR QUALITY DATA

Name of the Project	: Vedanta Limited Iron Ore Mine (ML2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Loading Point - Shift - 2
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no.	MGF540189 MGF540187 MGF539975 MGFA779554 MGF539976 MGFA783561 MGF540188 MGFA918705	PTO54135 PTO71729 PTO71734 PTO547002 PTO203802 PTO547003 PTO54128 PTO54127	11240074 11240118 11240230 11240274 11240367 11240409 11240490 11240534	11240075 11240119 11240231 11240275 11240368 11240410 11240491 11240535
Date of Sampling	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
11.11.2024	61.2	42.6	32.4	19.6
12.11.2024	63.4	40.4	29.6	20.1
18.11.2024	60.8	38.9	31.4	18.4
19.11.2024	62.6	39.1	30.6	16.5
25.11.2024	58.3	37.5	31.4	17.9
26.11.2024	59.4	39.1	33.6	15.9
29.11.2024	58.2	40.5	30.2	14.4
30.11.2024	60.4	42.9	34.2	21.6
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note : The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Authorized Signatory

(Signature)

LABORATORY HEAD
(NEELAKANDAN)



Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110032

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Un Loading Point - Shift - 2
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no. Date of Sampling	MGFB164750	PTO541540	11240076	11240077
	MGFB164749	PTO203814	11240120	11240121
	MGFA918703	PTO203907	11240232	11240233
	MGFB164751	PTO54130	11240276	11240277
	MGFB164707	PTO71718	11240369	11240370
	MGF540182	PTO203803	11240411	11240412
	MGF540183	PTO203808	11240492	11240493
	MGFA937139	PTO71743	11240536	11240537
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
11.11.2024	56.4	38.6	33.2	18.5
12.11.2024	58.4	41.2	30.1	16.5
18.11.2024	61.2	42.6	29.6	14.8
19.11.2024	63.4	40.7	28.4	19.5
25.11.2024	61.5	39.6	27.6	18.4
26.11.2024	58.6	38.1	26.9	18.5
29.11.2024	61.4	36.8	30.2	17.4
30.11.2024	63.9	37.9	29.5	18.6
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

*** End of Report ***

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)



Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

TC-13926

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110033

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Main Haulage road - Shift - 2
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no.	MGFB164726	PTO203810	11240078	11240079
	MGFB164731	PTO541545	11240122	11240123
	MGFB164736	PTO54119	11240234	11240235
	MGFB164733	PTO541544	11240278	11240279
	MGFB164746	PTO54138	11240371	11240372
	MGFB164733	PTO71705	11240413	11240414
	MGFB164745	PTO71713	11240494	11240495
	MGFB164747	PTO71714	11240538	11240539
Date of Sampling	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
11.11.2024	58.6	39.7	29.6	16.5
12.11.2024	59.3	40.2	25.7	17.4
18.11.2024	61.4	42.8	31.4	15.2
19.11.2024	62.8	39.6	29.4	19.4
25.11.2024	62.8	40.5	26.8	18.2
26.11.2024	59.4	41.3	27.1	14.1
29.11.2024	57.5	38.4	28.8	15.6
30.11.2024	59.2	39.5	30.1	18.2
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

(Signature)

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110034

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Iron Ore Plant Ore Stack Area-Shift - 2
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no. Date of Sampling	MGF540140	PTO71737	11240080	11240081
	MGFB164713	PTO203804	11240124	11240125
	MGFB164719	PTO71720	11240236	11240237
	MGFB164744	PTO71723	11240280	11240281
	MGFB164737	PTO547004	11240373	11240374
	MGFB164725	PTO54137	11240415	11240416
	MGFB164740	PTO71738	11240496	11240497
	MGFB164739	PTO541549	11240540	11240541
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
11.11.2024	62.1	40.2	28.6	18.5
12.11.2024	60.4	39.5	29.4	20.4
18.11.2024	58.4	38.6	30.3	15.0
19.11.2024	59.3	41.2	29.6	18.6
25.11.2024	60.4	40.7	28.4	17.3
26.11.2024	63.5	39.5	32.6	18.5
29.11.2024	62.1	38.3	34.1	14.9
30.11.2024	59.3	41.2	32.9	15.3
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note : The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

(Signature)

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110035

AMBIENT AIR QUALITY DATA

Name of the Project	: Vedanta Limited Iron Ore Mine (ML2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – MEMC Railway Siding - Shift - 2
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no. Date of Sampling	MGF540120	PTO71719	11240082	11240083
	MGF540128	PTO54143	11240126	11240127
	MGF540124	PTO54111	11240238	11240239
	MGF540131	PTO54117	11240282	11240283
	MGF540108	PTO71730	11240375	11240376
	MGF540135	PTO541548	11240417	11240418
	MGFB164742	PTO71731	11240498	11240499
	MGF540143	PTO71728	11240542	11240543
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
11.11.2024	56.6	41.5	32.5	18.3
12.11.2024	58.3	40.2	29.3	18.4
18.11.2024	60.4	39.4	30.4	15.6
19.11.2024	62.6	38.5	29.4	14.8
25.11.2024	59.4	40.2	27.9	19.7
26.11.2024	61.5	40.4	30.4	17.5
29.11.2024	63.5	41.0	35.5	14.6
30.11.2024	62.8	38.6	29.5	16.8
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note : The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

(Signature)

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110009

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Buffer Zone – Megalahalli Village	
Duration of Sampling : 24 Hrs		Particulars of Sample Collected : Ambient Air	
Month of Sampling : November - 2024		Date of Sample Receipt : --	
Report Date: 10.12.2024			

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no. Date of Sampling	MGF540141	PTO53412	11240036	11240037
	MGF540000	PTO204148	11240044	11240045
	MGF539999	PTO561000	11240182	11240183
	MGF540133	PTO204144	11240190	11240191
	MGF540134	PTO53419	11240320	11240321
	MGF540132	PTO204143	11240328	11240329
	MGF540137	PTO204140	11240452	11240453
	MGFB1647281	PTO53415	11240460	11240461
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
07.11.2024	59.5	38.6	32.4	16.6
08.11.2024	61.4	41.6	31.6	18.4
14.11.2024	60.2	38.6	29.6	20.4
15.11.2024	57.8	39.1	32.5	21.6
21.11.2024	59.6	40.2	33.6	18.4
22.11.2024	62.4	39.4	30.4	17.6
27.11.2024	60.2	42.5	29.5	15.2
28.11.2024	63.4	38.7	27.6	13.9
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric Method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note : The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

(Signature)

LABORATORY HEAD
(NEELAKANDAN)



Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email:



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110010

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Buffer Zone – Tanigehalli Village	
Duration of Sampling : 24 Hrs		Particulars of Sample Collected : Ambient Air	
Month of Sampling : November - 2024		Date of Sample Receipt : --	
Report Date: 10.12.2024			

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no. Date of Sampling	MGF540115	PTO560988	11240038	11240039
	MGF540114	PTO560986	11240046	11240047
	MGF540113	PTO560985	11240184	11240185
	MGF540111	PTO560982	11240192	11240193
	MGF540112	PTO204150	11240322	11240323
	MGF540110	PTO560991	11240330	11240331
	MGF540109	PTO53406	11240454	11240455
	MGF540144	PTO203842	11240462	11240463
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
07.11.2024	58.6	40.2	32.2	18.5
08.11.2024	62.4	39.6	29.6	16.4
14.11.2024	59.6	38.5	28.4	19.4
15.11.2024	57.4	40.1	31.6	20.5
21.11.2024	58.2	42.6	30.0	18.6
22.11.2024	62.4	39.6	28.4	15.6
27.11.2024	60.7	37.5	29.6	18.4
28.11.2024	63.4	39.4	30.5	19.3
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24 – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note : The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110011

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Buffer Zone – Medikeripura Village	
Duration of Sampling : 24 Hrs		Particulars of Sample Collected : Ambient Air	
Month of Sampling : November - 2024		Date of Sample Receipt : --	
Report Date: 10.12.2024			

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no.	MGFB164705	PTO203845	11240040	11240041
	MGF540193	PTO63850	11240048	11240049
	MGF540194	PTO560987	11240186	11240187
	MGF540195	PTO204135	11240194	11240195
	MGF540196	PTO204134	11240324	11240325
	MGF540197	PTO204139	11240332	11240333
	MGF539989	PTO71750	11240456	11240457
	MGF539990	PTO203824	11240464	11240465
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
Date of Sampling				
07.11.2024	58.6	42.6	30.2	18.6
08.11.2024	60.4	40.1	32.6	19.5
14.11.2024	61.3	39.5	28.6	20.4
15.11.2024	59.4	38.3	29.1	17.4
21.11.2024	58.2	42.5	32.5	15.5
22.11.2024	60.2	40.8	31.7	12.5
27.11.2024	64.5	38.7	36.6	14.1
28.11.2024	60.6	39.3	30.0	15.6
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note : The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. **BDL**: Below Detection Limit; **NA**: Not Analysed; **ND**: Not Detected; **NS**: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110012

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML2677)		
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Buffer Zone – Konanuru Village		
Duration of Sampling : 24 Hrs		Particulars of Sample Collected : Ambient Air		
Month of Sampling : November - 2024		Date of Sample Receipt : --		
Report Date: 10.12.2024				
Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no. Date of Sampling	MGF540121	PTO560995	11240042	11240043
	MGF540122	PTO203825	11240050	11240051
	MGF540147	PTO203817	11240188	11240189
	MGF540148	PTO203809	11240196	11240197
	MGF540149	PTO204136	11240326	11240327
	MGF540150	PTO541550	11240334	11240328
	MGF540151	PTO71748	11240458	11240459
	MGF540152	PTO71747	11240466	11240467
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
07.11.2024	60.2	38.5	29.4	15.6
08.11.2024	58.4	41.1	30.1	16.7
14.11.2024	62.5	39.6	28.6	18.2
15.11.2024	63.5	38.1	30.2	19.4
21.11.2024	59.4	42.5	31.4	16.2
22.11.2024	58.2	42.1	30.6	17.4
27.11.2024	60.3	43.1	29.4	15.9
28.11.2024	63.1	40.1	28.5	18.2
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

*** End of Report ***

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**



TC-13926

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110013

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML2677)		
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Transportation Route – Malapanahatti Junction		
Duration of Sampling : 24 Hrs		Particulars of Sample Collected : Ambient Air		
Month of Sampling : November - 2024		Date of Sample Receipt : --		
Report Date: 10.12.2024				
Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	N O ₂	SO ₂ µg/m3
Sample no.	MGF540161 MGF540160 MGF540159 MGF540158 MGF540157 MGF540155 MGF540154 MGF540153	PTO203816 PTO204133 PTO54140 PTO204137 PTO204141 PTO204149 PTO203848 PTO203844	--	--
Date of Sampling	(Chronologically date wise)	(Chronologically date wise)		
07.11.2024	62.1	40.2	--	--
08.11.2024	59.6	38.6	--	--
14.11.2024	62.4	39.4	--	--
15.11.2024	60.8	41.2	--	--
21.11.2024	58.9	40.6	--	--
22.11.2024	62.3	39.7	--	--
27.11.2024	64.2	36.1	--	--
28.11.2024	62.1	40.2	--	--
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	--	--
NAAQ Standards	100	60	--	--

Note: The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

(Signature)

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110014

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Transportation Route : Hirekandwadi Village	
Duration of Sampling : 24 Hrs		Particulars of Sample Collected : Ambient Air	
Month of Sampling : November - 2024		Date of Sample Receipt : --	
Report Date: 10.12.2024			

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no.	MGFB164721	PTO560992		
	MGFB164720	PTO560996		
	MGF540107	PTO71749		
	MGF540142	PTO71745	--	--
	MGF540118	PTO541533		
	MGF540116	PTO203821		
	MGFA918702	PTO54110		
	MGFA918704	PTO203822		
Date of Sampling	(Chronologically date wise)	(Chronologically date wise)		
07.11.2024	62.4	40.2	--	--
08.11.2024	58.6	39.4	--	--
14.11.2024	61.5	40.2	--	--
15.11.2024	58.4	39.5	--	--
21.11.2024	60.1	37.9	--	--
22.11.2024	63.7	42.1	--	--
27.11.2024	59.1	40.5	--	--
28.11.2024	60.8	46.2	--	--
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	--	--
NAAQ Standards	100	60	--	--

Note: The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. **BDL:** Below Detection Limit; **NA:** Not Analysed; **ND:** Not Detected; **NS:** No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

*** End of Report ***

Authorized Signatory

(Signature)

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110015

AMBIENT AIR QUALITY DATA

Name of the Project		: Vedanta Limited Iron Ore Mine (ML2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Transportation Route : Circle Gate	
Duration of Sampling : 24 Hrs		Particulars of Sample Collected : Ambient Air	
Month of Sampling : November - 2024		Date of Sample Receipt : --	
Report Date: 10.12.2024			

Parameter	PM ₁₀ µg m ³	PM _{2.5} µg m ³	NO ₂ µg m ³	SO ₂ µg m ³
Sample no.	MGF540192 MGFB164727 MGF540117 MGFB164702 MGFB164701 MGF540162 MGF540156 MGF540163 (Chronologically date wise)	PTO560989 PTO67205 PTO560990 PTO204142 PTO53426 PTO560984 PTO560983 PTO203850 (Chronologically date wise)	--	--
Date of Sampling				
07.11.2024	60.2	38.4	--	--
08.11.2024	63.7	42.1	--	--
14.11.2024	58.3	43.5	--	--
15.11.2024	59.2	41.8	--	--
21.11.2024	62.7	43.9	--	--
22.11.2024	63.8	41.1	--	--
27.11.2024	64.1	42.2	--	--
28.11.2024	62.0	43.9	--	--
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	--	--
NAAQ Standards	100	60	--	--

Note: The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

(Signature)

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110070

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name Sasulu Village
Duration of Sampling : 24 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM ₁₀ µg /m ³	PM _{2.5} µg /m ³	NO ₂ µg /m ³	SO ₂ µg /m ³
Sample no.	MGFB164718	PTO53403	11240284	11240285
Date of Sampling	19.11.2024	61.8	40.5	31.5
Protocol / Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) - Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analysed; **ND:** Not Detected; **NS:** No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	M/s. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD

(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC
17025:2017, Certification No:
13926, Validity from 20.06.2024
to 19.06.2026



TC-13926

“PRAKRUTI BHAVAN,” #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bengaluru – 560068, Karnataka, India, Telefax:
+918026783006 Email: mail@metamorphosis-india.com.

**METAMORPHOSISSM****LABORATORY PRIVATE LIMITED***thought.....process.....reality!!*

NABL Accredited Laboratory Cert No. TC – 13926

Recognized by Minister of Environmental Forest (MoEF), Govt of India,

New Delhi Dt: 27.11.2024 to 21.11.2027.

An ISO 9001:2015 & ISO 45001:2018 Certified Company

TEST REPORT

TC-13926

No. 2025030020**AMBIENT AIR QUALITY DATA**

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone- Fixed crushing cum Screening plant- 1 Shift - 1
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on : --
Discipline : Chemical	Group : Atmospheric Pollution
ULR No : TC1392625000000258F	Report Date : 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No.	MGF541551 MGF541553 MGF541533 MGF541516 MGF540485 MGF540471 MGF540166 MGF540497	PTO261052 PTO261824 PTO205449 PTO205435 PTO262194 PTO205671 PTO261801 PTO261848	03250152 03258693 03250015 03259526 03255252 03255230 03251230 03251157	03250358 03250415 03255756 03259856 03258522 03251110 03250014 03256514
Date of Sampling	(Chronologically date wise)	(Chronologically date wise)	(Chronologically Date wise)	(Chronologically Date wise)
06.03.2025	72.3	42.6	30.2	12.9
07.03.2025	68.4	41.0	31.5	12.6
13.03.2025	65.6	39.8	36.9	14.1
14.03.2025	69.5	42.5	34.1	13.6
20.03.2025	62.5	40.7	30.5	15.6
21.03.2025	59.6	41.6	29.5	14.1
27.03.2025	57.4	42.2	28.4	15.6
28.03.2025	60.8	40.1	16.9	12.6
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182 (Part2)–Improved West and Geake method
NAAQ Standards	100	60	80	80

*Note: The result & inference pertain to the sample tested only and parameters as per the requisition of the client.***BDL**: Below Detection Limit; **NA**: Not Analyzed; **ND**: Not Detected; **NS**: No Sample.

INFERENCE	As per CPCB Standards Report Status : All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By**Chemist****Authorized Signatory By****NEELAKANDAN**

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTML Layout II Stage, Behind Central Silk Board, Bangalore-560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This report is not to be



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030021

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone–Loading Point - Shift - 1
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC139262500000259F	Report Date: 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No.	MGF541566	PTO262157	03250153	03250359
	MGF541557	PTO261826	03258694	03250416
	MGF541535	PTO205447	03250016	03255757
	MGF541518	PTO205433	03259527	03259857
	MGF540487	PTO262183	03255253	03258523
	MGF540474	PTO205673	03255231	03251111
	MGF540164	PTO261803	03251231	03250015
	MGF540499	PTO261838	03251158	03256515
Date of Sampling	(Chronologically Date wise)	(Chronologically Date wise)	(Chronologically Date wise)	(Chronologically Date wise)
06.03.2025	72.3	42.1	30.2	15.2
07.03.2025	70.1	40.1	33.6	13.4
13.03.2025	68.4	43.6	31.5	14.2
14.03.2025	69.6	38.6	30.5	16.2
20.03.2025	62.5	39.4	28.6	18.5
21.03.2025	65.4	36.8	29.4	14.2
27.03.2025	63.5	40.1	26.4	16.2
28.03.2025	61.9	42.6	30.2	14.2
Protocol Method	IS:5182(Part23)– Gravimetric method	:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182(Part2)–Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertain to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTMLay out II S t a g e , Behind Central Silk Board, Bangalore–560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters 2) This report is not to be reproduced either



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926

Recognized by Minister of Environmental Forest (MoEF), Govt of India,

New Delhi Dt: 27.11.2024 to 21.11.2027.

An ISO 9001:2015 & ISO 45001:2018 Certified Company



TC-13926

TEST REPORT

No.2025030022

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone–Un Loading Point - Shift - 1
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000260F	Report Date: 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No.	MGF540181	PTO262159	03250154	03250360
	MGF541568	PTO261828	03258695	03250417
	MGF541537	PTO205445	03250017	03255758
	MGF541589	PTO205431	03259528	03259858
	MGF540489	PTO262185	03255254	03258524
	MGF540475	PTO205675	03255232	03251112
	MGF541549	PTO261805	03251232	03250016
	MGF541590	PTO261841	03251159	03256516
Date of Sampling	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
06.03.2025	60.2	43.6	30.2	12.5
07.03.2025	72.1	41.2	33.6	14.2
13.03.2025	68.3	38.6	31.4	16.3
14.03.2025	69.4	42.1	35.2	15.2
20.03.2025	65.2	40.1	33.9	17.5
21.03.2025	66.1	39.6	34.1	15.3
27.03.2025	70.1	38.5	28.6	14.2
28.03.2025	72.5	40.3	30.0	16.9
Protocol Method	IS:5182(Part23)– Gravimetric method	:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182 (Part2)–Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertain to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

****End of Report****

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTMLay out II S t a g e , Behind Central Silk Board, Bangalore–560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters 2) This reports is not to be reproduced either

**METAMORPHOSISSM****LABORATORY PRIVATE LIMITED***thought.....process.....reality!!*

NABL Accredited Laboratory Cert No. TC – 13926

Recognized by Minister of Environmental Forest (MoEF), Govt of India,

New Delhi Dt: 27.11.2024 to 21.11.2027.

An ISO 9001:2015 & ISO 45001:2018 Certified Company



TC-13926

TEST REPORT**No.2025030023****AMBIENT AIR QUALITY DATA**

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)				
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.			Location Name : Core Zone–Main Haulage road - Shift - 1	
Duration of Sampling : 8 Hrs			Particulars of Sample Collected : Ambient Air	
Month of Sampling : March- 2025			Date of Sample Receipt : --	
Analysis Started on : --			Analysed Completed on: --	
Discipline : Chemical			Group: Atmospheric Pollution	
ULR No: TC139262500000261F			Report Date: 10.03.2025	
Parameter Sample no. Date of Sampling	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
	MGF541548	PTO262161	03250155	03250361
	MGF541577	PTO261830	03258696	03250418
	MGF541539	PTO205443	03250019	03255759
	MGF541514	PTO205429	03259529	03259859
	MGF540491	PTO262187	03255255	03258525
	MGF540478	PTO205678	03255233	03251113
	MGF541569	PTO261807	03251233	03250017
	MGF541585	PTO261844	03251160	03256517
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
06.03.2025	72.3	42.3	30.2	15.6
07.03.2025	68.5	40.1	36.2	14.3
13.03.2025	68.1	43.6	34.3	14.6
14.03.2025	58.6	45.1	30.1	15.2
20.03.2025	59.6	38.6	29.6	12.9
21.03.2025	57.6	37.6	28.4	16.8
27.03.2025	59.6	39.5	36.5	18.7
28.03.2025	60.1	37.6	30.1	15.6
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182 (Part2)–Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertain to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTMLay out II S t a g e , Behind Central Silk Board, Bangalore– 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters 2) This report is not to be reproduced either



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030024

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)				
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.			Location Name : Core Zone–Ore Stack Area - Shift - 1	
Duration of Sampling : 8 Hrs			Particulars of Sample Collected : Ambient Air	
Month of Sampling : March- 2025			Date of Sample Receipt : --	
Analysis Started on : --			Analysed Completed on: --	
Discipline : Chemical			Group: Atmospheric Pollution	
ULR No: TC1392625000000262F			Report Date: 10.03.2025	
Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample no. Date of Sampling	MGF541575	PTO262163	03250156	03250362
	MGF541579	PTO261838	03258697	03250419
	MGF541541	PTO205441	03250020	03255760
	MGF541511	PTO205427	03259530	03259860
	MGF540493	PTO262189	03255256	03258526
	MGF540479	PTO205679	03255234	03251114
	MGF545745	PTO261809	03251234	03250018
	MGF541587	PTO261845	03251161	03256518
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
06.03.2025	68.5	42.3	30.0	18.2
07.03.2025	69.6	40.1	33.2	16.2
13.03.2025	70.3	45.6	30.6	14.2
14.03.2025	72.5	44.1	31.4	12.5
20.03.2025	69.4	42.6	36.5	15.9
21.03.2025	68.1	40.9	30.8	14.9
27.03.2025	66.2	42.6	33.6	15.0
28.03.2025	67.6	41.6	32.9	17.3
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182 (Part2)–Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTM Layout II Stage, Behind Central Silk Board, Bangalore–560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either

**METAMORPHOSISSM****LABORATORY PRIVATE LIMITED***thought.....process.....reality!!*

NABL Accredited Laboratory Cert No. TC – 13926

Recognized by Minister of Environmental Forest (MoEF), Govt of India,

New Delhi Dt: 27.11.2024 to 21.11.2027.

An ISO 9001:2015 & ISO 45001:2018 Certified Company

TEST REPORT**No.2025030025****AMBIENT AIR QUALITY DATA**

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)				
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.			Location Name : Core Zone–MEMC Railway Siding - Shift - 1	
Duration of Sampling : 8 Hrs			Particulars of Sample Collected : Ambient Air	
Month of Sampling : March- 2025			Date of Sample Receipt : --	
Analysis Started on : --			Analysed Completed on: --	
Discipline : Chemical			Group: Atmospheric Pollution	
ULR No: TC1392625000000263F			Report Date: 10.03.2025	
Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No. Date of Sampling	MGF541550	PTO262165	03250157	03250363
	MGF541546	PTO261834	03258698	03250420
	MGF541591	PTO205439	03250021	03255761
	MGF541510	PTO205425	03259531	03259861
	MGF540495	PTO262191	03255257	03258527
	MGF540481	PTO205681	03255235	03251115
	MGF541572	PTO261811	03251235	03250019
	MGF541552	PTO261847	03251162	03256519
	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)	(Chronologically date wise)
06.03.2025	72.1	42.3	30.2	15.2
07.03.2025	70.3	40.1	33.6	14.3
13.03.2025	75.4	38.6	31.2	12.6
14.03.2025	72.4	37.4	30.2	16.3
20.03.2025	68.9	36.5	36.9	12.9
21.03.2025	69.4	39.1	34.1	14.5
27.03.2025	66.9	42.1	32.5	18.3
28.03.2025	63.1	40.6	33.9	12.4
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182 (Part2)–Improved West and Gaeke method
NAAQ Standards	100	60	80	80

*Note: The result & inference pertain to the sample tested only and parameters**as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.*

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By**Chemist****Authorized Signatory By****NEELAKANDAN**

Reg Office: PRAKRUTIBHAVAN#200, 1st&2ndFloor, 40thMain, 1stCross, BTMLayout II S t a g e , Behind Central Silk Board, Bangalore–560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This report is not to be reproduced either wholly or in part without the prior written permission of the Laboratory. 3) Sampling is not done for the purpose of litigation.



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030026

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalhalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Transport Route Location – Bheema Samudhra Petrol Bunk
Duration of Sampling : 24 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000264F	Report Date: 10.03.2025

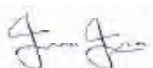
Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No.	MGF541564 MGF541544 MGF541505 MGF541507 MGF540483 MGF541573 MGF540180 MGF541597 (Chronologically date wise)	PTO262167 PTO261836 PTO205437 PTO205423 PTO262169 PTO205682 PTO261813 PTO261850 (Chronologically date wise)	--	--
Date of Sampling				
06.03.2025	72.3	40.3	--	--
07.03.2025	68.4	41.6	--	--
13.03.2025	65.9	42.8	--	--
14.03.2025	59.5	44.6	--	--
20.03.2025	58.1	40.1	--	--
21.03.2025	60.4	39.5	--	--
27.03.2025	62.6	38.4	--	--
28.03.2025	63.9	36.9	--	--
Protocol Method	IS:5182 (Part23)– Gravimetric method	IS:5182 (Part24)– Gravimetric method	--	--
NAAQ Standards	100	60	--	--

Note: The result & inference pertain to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

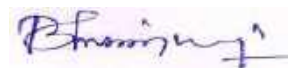
INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By


Chemist

Authorized Signatory By


NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTMLay out II S t a g e , Behind Central Silk Board, Bangalore–560068, Karnataka, India, Tele: +91 8026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED



thought.....process.....reality!!
NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company
TEST REPORT

No.2025030027

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine(ML:2677)	
Address : Ms.Vedanta Limited,Megalahalli Office Complex, Bheemasamudra, Chitradurga,Karnataka.	Location Name :Transport Route Location–Bomanahalli Village
Duration of Sampling : 24 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling :March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000265F	Report Date: 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample no.	MGF541573 MGF541547 MGF541506 MGF541508 MGF540484 MGF540425 MGF541566 MGF541598	PTO262168 PTO261837 PTO205436 PTO205422 PTO262192 PTO205683 PTO261814 PTO261849	--	--
Date of Sampling	(Chronologically date wise)	(Chronologically date)		
06.03.2025	62.1	42.1	--	--
07.03.2025	63.6	40.6	--	--
13.03.2025	65.7	42.5	--	--
14.03.2025	71.2	44.6	--	--
20.03.2025	72.5	43.8	--	--
21.03.2025	69.5	45.1	--	--
27.03.2025	68.4	42.9	--	--
28.03.2025	71.6	47.5	--	--
Protocol Method	IS:5182 (Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	--	--
NAAQ Standards	100	60	--	--

Note: The result & inference pertains to the samples tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms.METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN#200, 1st&2ndFloor, 40thMain, 1stCross, BTMLayout II Stage, Behind Central Silk Board, Bangalore–560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030028

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)				
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Core Zone- Fixed crushing cum Screening plant- 1 Shift - 2		
Duration of Sampling : 8 Hrs		Particulars of Sample Collected : Ambient Air		
Month of Sampling : March- 2025		Date of Sample Receipt : --		
Analysis Started on : --		Analysed Completed on : --		
Discipline : Chemical		Group : Atmospheric Pollution		
ULR No : TC1392625000000266F		Report Date : 10.03.2025		
Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No. Date of Sampling	MGF541565	PTO262156	03250158	03250364
	MGF541556	PTO261825	03258699	03250421
	MGF541534	PTO205448	03250022	03255762
	MGF541515	PTO205434	03259532	03259862
	MGF540486	PTO262195	03255258	03258528
	MGF540472	PTO205672	03255236	03251116
	MFG540165	PTO261802	03251236	03250020
	MGF540498 (Chronologically datewise)	PTO261839 (Chronologically datewise)	03251163 (Chronologically datewise)	03256520 (Chronologically datewise)
06.03.2025	72.3	42.1	30.2	15.6
07.03.2025	74.6	43.6	36.5	14.3
13.03.2025	75.1	41.9	31.4	13.6
14.03.2025	68.9	38.6	30.5	12.9
20.03.2025	65.4	39.4	36.6	16.5
21.03.2025	69.2	40.1	37.4	14.2
27.03.2025	67.1	42.6	31.8	12.9
28.03.2025	66.9	40.6	30.5	18.4
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6)–Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Guthrie method
NAAQ Standards	100	60	80	80
<i>Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.</i>				
INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.			
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru			

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTML layout II Stage, Behind Central Silk Board, Bangalore-560068, Karnataka, India, Tele: +91 8026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This report is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030029

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Loading Point - Shift - 2
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on : --
Discipline : Chemical	Group : Atmospheric Pollution
ULR No : TC1392625000000267F	Report Date : 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No.	MGF540180 MGF541567 MGF541536 MGF541519 MGF540480 MGF540474 MGF541564 MGF540500	PTO262158 PTO261827 PTO205446 PTO205432 PTO262184 PTO205674 PTO261804 PTO261840	03250159 03258700 03250023 03259533 03255259 03255237 03251237 03251164	03250365 03250422 03255763 03259863 03258529 03251117 03250021 03256521
Date of Sampling	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)
06.03.2025	62.5	40.2	30.2	12.6
07.03.2025	65.3	42.6	28.6	14.2
13.03.2025	66.9	38.4	29.4	13.6
14.03.2025	68.4	36.5	26.8	15.2
20.03.2025	64.1	37.1	30.1	18.2
21.03.2025	72.6	42.5	34.2	14.3
27.03.2025	70.1	40.6	32.6	16.2
28.03.2025	73.6	43.6	33.5	14.2
Protocol Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) – Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertain to the sample tested only and parameters as per the requisition of the client. **BDL**: Below Detection Limit; **NA**: Not Analysed; **ND**: Not Detected; **NS**: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTML Layout II Stage, Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This report is not to be reproduced either wholly or in part without the prior written permission of the Laboratory. 3) Sampling is not done on a regular basis.

**METAMORPHOSISSM****LABORATORY PRIVATE LIMITED***thought.....process.....reality!!*

NABL Accredited Laboratory Cert No. TC – 13926

Recognized by Minister of Environmental Forest (MoEF), Govt of India,

New Delhi Dt: 27.11.2024 to 21.11.2027.

An ISO 9001:2015 & ISO 45001:2018 Certified Company



TC-13926

TEST REPORT**No.2025030030****AMBIENT AIR QUALITY DATA**

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalhalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Un Loading Point - Shift - 2
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000268F	Report Date: 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No.	MGF541572 MGF541576 MGF541538 MGF541588 MGF540490 MGF540476 MGF541550 MGF541584	PTO262160 PTO261829 PTO205444 PTO205430 PTO262186 PTO205676 PTO261806 PTO261843	03250160 03258701 03250024 03259534 03255260 03255238 03251238 03251165	03250366 03250423 03255764 03259864 03258530 03251118 03250022 03256522
Date of Sampling	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)
06.03.2025	58.6	41.2	30.2	12.6
07.03.2025	65.6	38.4	34.1	16.2
13.03.2025	68.4	36.9	32.6	14.6
14.03.2025	70.2	34.8	33.5	16.2
20.03.2025	71.6	36.9	31.5	12.9
21.03.2025	73.6	37.1	36.5	13.7
27.03.2025	74.1	38.5	30.2	14.5
28.03.2025	76.3	39.1	33.6	15.2
Protocol Method	IS:5182 (Part23) – Gravimetric method	IS:5182 (Part24) Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

*Note: The result & inference pertain to the sample tested only and parameters**as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample.*

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By**Chemist****Authorized Signatory By****NEELAKANDAN**

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTML Layout II Stage, Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This report is not to be reproduced either wholly or in part without the prior written permission of the Laboratory. 3) Sampling is not done on a regular basis.

**METAMORPHOSISSM****LABORATORY PRIVATE LIMITED***thought.....process.....reality!!*

NABL Accredited Laboratory Cert No. TC – 13926

Recognized by Minister of Environmental Forest (MoEF), Govt of India,

New Delhi Dt: 27.11.2024 to 21.11.2027.

An ISO 9001:2015 & ISO 45001:2018 Certified Company

TEST REPORT**No.2025030031****AMBIENT AIR QUALITY DATA**

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone–Main Haulage road - Shift - 2
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on : --
Discipline : Chemical	Group : Atmospheric Pollution
ULR No : TC1392625000000269F	Report Date : 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No.	MGF545746 MGF541578 MGF541540 MGF541513 MGF540492 MGF540478 MGF541575 MGF541586	PTO262162 PTO261831 PTO205442 PTO205428 PTO262188 PTO205678 PTO261808 PTO261842	03250161 03258702 03250025 03259535 03255261 03255239 03251239 03251166	03250367 03250424 03255765 03259865 03258531 03251119 03250023 03256523
Date of Sampling	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)
06.03.2025	63.5	42.1	32.1	15.1
07.03.2025	65.1	43.6	33.6	12.6
13.03.2025	62.8	45.1	28.6	13.6
14.03.2025	72.1	41.2	26.4	14.5
20.03.2025	68.9	43.6	32.1	18.2
21.03.2025	64.5	41.9	29.4	14.2
27.03.2025	69.2	40.2	33.0	13.2
28.03.2025	61.5	38.9	31.4	14.6
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182(Part2) Impro ved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertain to the sample tested only and parameters as per the requisition of the client. **BDL**: Below Detection Limit; **NA**: Not Analysed; **ND**: Not Detected; **NS**: No Sample.

INFERENCE As per CPCB Standards Report Status: All values are within the prescribed standards.

Sample Collected By Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By**Chemist****Authorized Signatory By****NEELAKANDAN**

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTML Layout II Stage, Behind Central Silk Board, Bangalore–560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This report is not to be reproduced either wholly or in part without the prior written permission of the Laboratory. 3) Sampling is not done at the discretion of the Laboratory.

**METAMORPHOSISSM****LABORATORY PRIVATE LIMITED***thought.....process.....reality!!*

NABL Accredited Laboratory Cert No. TC – 13926

Recognized by Minister of Environmental Forest (MoEF), Govt of India,

New Delhi Dt: 27.11.2024 to 21.11.2027.

An ISO 9001:2015 & ISO 45001:2018 Certified Company



TC-13926

TESTREPORT**No.2025030032****AMBIENT AIR QUALITY DATA**

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone-Iron Ore Plant Ore Stack Area- Shift - 2
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000270F	Report Date: 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No.	MGF541569	PTO262164	03250162	03250368
	MGF541543	PTO261833	03258703	03250425
	MGF541542	PTO205440	03250026	03255766
	MGF541512	PTO205426	03259536	03259866
	MGF540494	PTO262190	03255263	03258532
	MGF540480	PTO205680	03255240	03251120
	MGF541548	PTO261810	03251240	03250024
	MGF541555	PTO261846	03251167	03256524
Date of Sampling	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)
06.03.2025	63.5	41.2	32.2	15.2
07.03.2025	62.4	43.6	34.1	14.6
13.03.2025	68.5	44.1	30.2	12.6
14.03.2025	64.1	42.8	26.5	15.8
20.03.2025	62.6	46.9	27.4	14.9
21.03.2025	70.1	47.2	33.6	17.5
27.03.2025	72.4	41.2	38.9	16.5
28.03.2025	77.6	38.9	34.1	13.6
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182(Part2)– Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertain to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By**Chemist****Authorized Signatory By****NEELAKANDAN**

Reg Office: PRAKRUTIBHAVAN#200, 1st&2ndFloor, 40thMain, 1stCross, BTMLayout II Stage, Behind Central Silk Board, Bangalore–560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926

Recognized by Minister of Environmental Forest (MoEF), Govt of India,

New Delhi Dt: 27.11.2024 to 21.11.2027.

An ISO 9001:2015 & ISO 45001:2018 Certified Company

TEST REPORT

No.2025030033

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – MEMC Railway Siding - Shift - 2
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000271F	Report Date: 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample no.	MGF541549	PTO262166	03250163	03250369
	MGF541545	PTO261835	03258704	03250426
	MGF541592	PTO205438	03250027	03255767
	MGF541509	PTO205424	03259537	03259867
	MGF540496	PTO262192	03255264	03258533
	MGF540482	PTO205678	03255241	03251121
	MGF540181	PTO261812	03251241	03250025
	MGF541554	PTO262196	03251168	03256525
Date of Sampling	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)
06.03.2025	62.5	42.3	30.2	19.3
07.03.2025	66.9	41.6	32.6	14.2
13.03.2025	64.8	45.6	34.1	12.6
14.03.2025	68.2	47.2	30.8	15.0
20.03.2025	64.2	40.6	36.5	17.2
21.03.2025	69.6	38.9	38.1	15.3
27.03.2025	69.4	37.4	30.9	12.4
28.03.2025	61.6	36.9	36.9	18.3
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182(Part2)–Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertain to the samples tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN#200, 1st&2ndFloor, 40thMain, 1stCross, BTMLayout II Stage, Behind Central Silk Board, Bangalore–560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This report is not to be reproduced either wholly or in part without the prior written permission of the Laboratory. 3) Sampling is not done for the purpose of litigation.



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030004

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Buffer Zone – Megalahalli Village
Duration of Sampling : 24 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000242F	Report Date: 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No.	MGF540179 MGF541503 MGF541526 MGF541563 MGF540419 MGF540432 MGF541528 MGF541565	PTO203830 PTO203827 PTO262182 PTO262173 PTO261052 PTO262156 PTO261823 PTO261815	03252110 03253561 03253583 03253156 03254115 03254125 03253156 03252551	03257550 03257515 03251317 03252561 03252183 03251351 03252122 03253339
Date of Sampling	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)
03.03.2025	69.6	42.5	30.2	15.2
04.03.2025	61.5	41.9	36.4	13.4
10.03.2025	65.8	43.6	30.1	12.9
11.03.2025	69.4	41.9	32.8	14.2
17.03.2025	69.5	42.5	36.4	13.6
18.03.2025	62.6	40.9	30.4	18.6
24.03.2025	71.2	44.1	30.2	16.4
25.03.2025	71.6	40.9	31.7	14.2
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric Method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182(Part2)–Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertain to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTML Layout II Stage, Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +91 8026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This report is not to be reproduced either wholly or partially without prior written permission. 3) Sampling is not to be used as evidence in the court of law and should not be used in advertising media without prior written permission. 4) The sample will be preserved for maximum of 15 days.



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025050005

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Buffer Zone – Tanigehalli Village
Duration of Sampling : 24 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000243F	Report Date: 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No.	MGF540174 MGF541504 MGF541528 MGF541560 MGF540417 MGF540431 MGF541527 MGF541551 (Chronologically datewise)	PTO203829 PTO203837 PTO262180 PTO262176 PTO262168 PTO262157 PTO205405 PTO261816 (Chronologically datewise)	03252111 03253562 03253584 03253157 03254116 03254126 03253157 03252552 (Chronologically datewise)	03257551 03257516 03251318 03252562 03252184 03251352 03252123 03253340 (Chronologically datewise)
Date of Sampling				
03.03.2025	62.4	45.2	30.2	12.5
04.03.2025	64.8	40.9	31.5	14.2
10.03.2025	63.9	47.8	36.2	13.2
11.03.2025	66.7	42.5	30.4	10.9
17.03.2025	69.5	40.1	32.9	15.6
18.03.2025	70.1	38.4	30.1	13.5
24.03.2025	72.5	39.6	30.9	14.2
25.03.2025	74.1	40.1	29.4	12.9
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Heckel method	IS:5182(Part2)–Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertain to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTML Layout II Stage, Behind Central Silk Board, Bangalore–560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This report is not to be reproduced either wholly or in part without the prior written permission of the Laboratory. 3) Sampling is not done at the discretion of the Laboratory.

**METAMORPHOSISSM****LABORATORY PRIVATE LIMITED***thought.....process.....reality!!*

NABL Accredited Laboratory Cert No. TC – 13926

Recognized by Minister of Environmental Forest (MoEF), Govt of India,

New Delhi Dt: 27.11.2024 to 21.11.2027.

An ISO 9001:2015 & ISO 45001:2018 Certified Company



TC-13926

TESTREPORT**No.2025030006****AMBIENT AIR QUALITY DATA**

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name: Buffer Zone – Medikeripura Village
Duration of Sampling : 24 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000244F	Report Date: 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample No.	MGF540175	PTO203828	03252112	03257552
	MGF541593	PTO203838	03253563	03257517
	MGF541529	PTO262181	03253585	03251319
	MGF541562	PTO262174	03253158	03252563
	MGF540421	PTO262167	03254117	03252185
	MGF540430	PTO262158	03254127	03251353
	MGF541526	PTO261051	03253158	03252124
	MGF541599	PTO261817	03252553	03253341
Date of Sampling	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)
03.03.2025	68.4	42.6	32.2	15.6
04.03.2025	58.6	43.8	33.6	14.1
10.03.2025	62.4	38.4	34.5	16.3
11.03.2025	72.1	42.1	35.2	12.5
17.03.2025	76.5	45.2	30.8	18.4
18.03.2025	60.4	38.4	31.5	16.3
24.03.2025	58.9	38.4	31.5	16.3
25.03.2025	59.6	39.6	30.6	14.2
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182 (Part2)–Improved and Gaeke method
NAAQ Standards	100	60	80	80

*Note: The result & inference pertain to the samples tested only and parameters**as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample*

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN#200, 1st&2ndFloor, 40thMain, 1stCross, BTMLayout II S t a g e , Behind Central Silk Board, Bangalore–560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030007

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)				
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Buffer Zone – Konanuru Village		
Duration of Sampling : 24 Hrs		Particulars of Sample Collected : Ambient Air		
Month of Sampling : March- 2025		Date of Sample Receipt : --		
Analysis Started on : --		Analysed Completed on: --		
Discipline : Chemical		Group: Atmospheric Pollution		
ULR No: TC1392625000000245F		Report Date: 10.03.2025		
Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample no.	MGF540176 MGF541594 MGF541527 MGF541561 MGF540422 MGF540429 MGF540434 MGF541600	PTO203826 PTO262151 PTO262172 PTO262175 PTO262166 PTO262159 PTO262198 PTO261818	03252113 03253564 03253586 03253159 03254118 03254128 03253159 03252554	03257553 03257518 03251320 03252564 03252186 03251354 03252125 03253342
Date of Sampling	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)	(Chronologically datewise)
03.03.2025	62.1	40.1	30.2	16.2
04.03.2025	59.4	38.6	33.6	14.2
10.03.2025	62.1	37.4	33.6	12.8
11.03.2025	63.5	39.8	28.4	16.3
17.03.2025	68.4	35.4	29.5	13.2
18.03.2025	59.7	39.4	30.1	14.2
24.03.2025	62.1	41.5	30.6	12.5
25.03.2025	63.5	42.6	27.4	16.3
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	IS:5182(Part6)– Jacob and Hochheiser method	IS:5182 (Part2)–Improved West and Gaeke method
NAAQ Standards	100	60	80	80
Note: The result & inference pertain to the sample tested only and parameters as per the requisition of the client. BDL : Below Detection Limit; NA : Not Analysed; ND : Not Detected; NS : No Sample				
INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.			
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru			

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTML Layout II Stage, Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This report is not to be reproduced either wholly or in part without the prior written permission of the Laboratory. 3) Sampling is not done on a regular basis.



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926

Recognized by Minister of Environmental Forest (MoEF), Govt of India,

New Delhi Dt: 27.11.2024 to 21.11.2027.

An ISO 9001:2015 & ISO 45001:2018 Certified Company

TEST REPORT



TC-13926

No.2025030008

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)				
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Transportation Route – Malapanahatti Junction		
Duration of Sampling : 24 Hrs		Particulars of Sample Collected : Ambient Air		
Month of Sampling : March- 2025		Date of Sample Receipt : --		
Analysis Started on : --		Analysed Completed on: --		
Discipline : Chemical		Group: Atmospheric Pollution		
ULR No: TC1392625000000246F		Report Date: 10.03.2025		
Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µg/m ³
Sample No.	MGF540177 MGF541595 MGF541532 MGF541558 MGF540423 MGF540427 MGF540467 MGF540167 (Chronologically datewise)	PTO203841 PTO262152 PTO262170 PTO262178 PTO262165 PTO262160 PTO262199 PTO261819 (Chronologically datewise)	--	--
Date of Sampling				
03.03.2025	58.6	42.1	--	--
04.03.2025	59.4	40.1	--	--
10.03.2025	60.1	43.2	--	--
11.03.2025	65.4	39.5	--	--
17.03.2025	62.4	34.5	--	--
18.03.2025	59.4	40.9	--	--
24.03.2025	61.2	41.2	--	--
25.03.2025	66.3	42.2	--	--
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	--	--
NAAQ Standards	100	60	--	--

Note: The result & inference pertain to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTIBHAVAN #200, 1st & 2nd Floor, 40th Main, 1st Cross, BTMLayout II Stage, Behind Central Silk Board, Bangalore--560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Notes: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This report is not to be reproduced either wholly



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926

Recognized by Minister of Environmental Forest (MoEF), Govt of India,

New Delhi Dt: 27.11.2024 to 21.11.2027.

An ISO 9001:2015 & ISO 45001:2018 Certified Company



TC-13926

TEST REPORT

No.2025030009

AMBIENT AIR QUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine(ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Transportation Route : Hirekandwadi Village
Duration of Sampling : 24 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000247F	Report Date: 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample no.	MGF540178 MGF541596 MGF541531 MGF541559 MGF540424 MGF540428 MGF540468 MGF541581 (Chronologically datewise)	PTO203831 PTO262153 PTO262171 PTO262177 PTO262164 PTO262161 PTO262200 PTO261821 (Chronologically datewise)	--	--
Date of Sampling				
03.03.2025	58.4	42.1	--	--
04.03.2025	62.4	40.1	--	--
10.03.2025	63.5	39.5	--	--
11.03.2025	64.5	38.4	--	--
17.03.2025	58.5	36.8	--	--
18.03.2025	57.6	40.2	--	--
24.03.2025	56.4	42.1	--	--
25.03.2025	59.4	38.9	--	--
Reference Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)–Gravimetric method	--	--
NAAQ Standards	100	60	--	--

Note: The result & inference pertains to the sample tested only and parameters

as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

****End of Report****

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030010

AMBIENT AIRQUALITY DATA

Name of the Project : Vedanta Limited Iron Ore Mine(ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name: Transportation Route : Circle Gate
Duration of Sampling : 24 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March- 2025	Date of Sample Receipt : --
Analysis Started on: --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000248F	Report Date: 10.03.2025

Parameter	PM ₁₀ µgm ³	PM _{2.5} µgm ³	NO ₂ µgm ³	SO ₂ µgm ³
Sample no.	MGF541501 MGF541571 MGF541530 MGF541580 MGF540420 MGF540426 MGF540433 MGF541582 (Chronologically datewise)	PTO203835 PTO262154 PTO205430 PTO262179 PTO262163 PTO262162 PTO203832 PTO261820 (Chronologically datewise)	--	--
Date of Sampling				
03.03.2025	62.4	40.2	--	--
04.03.2025	60.2	38.1	--	--
10.03.2025	56.4	36.1	--	--
11.03.2025	55.2	41.2	--	--
17.03.2025	62.4	43.6	--	--
18.03.2025	60.3	41.2	--	--
24.03.2025	68.4	42.1	--	--
25.03.2025	72.1	39.4	--	--
Protocol Method	IS:5182(Part23)– Gravimetric method	IS:5182(Part24)– Gravimetric method	--	--
NAAQ Standards	100	60	--	--

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client. BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

End of Report

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No. 2025030076

AMBIENT AIR QUALITY DATA

Name of the Project	: Vedanta Limited Iron Ore Mine (ML:2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name Sasulu Village
Duration of Sampling : 24 Hrs	Particulars of Sample Collected : Ambient Air
Month of Sampling : March - 2024	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000314F	Report Date: 10.03.2025

Parameter	PM ₁₀ µg /m ³	PM _{2.5} µg /m ³	NO ₂ µg /m ³	SO ₂ µg /m ³
Sample no.	MGF302521	PTO023623	03253230	03257895
Date of Sampling	15.02.2025	72.5	43.8	32.1
Protocol / Method	IS:5182 (Part 23) – Gravimetric method	IS:5182 (Part 24) - Gravimetric method	IS:5182 (Part 6) – Jacob and Hochheiser method	IS:5182 (Part 2) – Improved West and Gaeke method
NAAQ Standards	100	60	80	80

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analysed; ND: Not Detected; NS: No Sample

INFERENCE	As per CPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	M/s. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110041

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		: Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State		Location Name : GWQ – 1: Megalahalli Village Borewell.	
Sample Number : 11240152		Particulars of Sample Collected : Ground Water	
Date of Sampling : 13.11.2024		Date of Sample Receipt : 14.11.2024	
Analysis Started On : 14.11.2024		Analysis Completed On : 21.11.2024	
Report Date: 10.12.2024			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	--	7.12	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	µS/cm	663.8	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	444.2	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	124.3	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	32.1	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	14.2	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	108.5	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.4	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	92.3	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	12.8	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	0.8	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation
C.	MICROBIOLOGICAL PARAMETERS					
16.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml Sample.	
17.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

**** End of Report ****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II S t a g e , Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110042

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		: Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State		Location Name : GWQ – 2: BBH Railway Siding R	
Sample Number	: 11240153	Particulars of Sample Collected : Ground Water	
Date of Sampling	: 13.11.2024	Date of Sample Receipt	: 14.11.2024
Analysis Started On	: 14.11.2024	Analysis Completed On	: 21.11.2024
Report Date: 10.12.2024			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	-	7.29	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	µS/cm	682.1	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	454.5	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	131.2	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	36.8	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	15.6	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	116.5	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.5	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	102.4	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	24.3	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	1.2	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation
C.	MICROBIOLOGICAL PARAMETERS					
16.	Coliform organism/100ml *	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
17.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110043

ANALYSIS REPORT OF WATER QUALITY

Name of the Project : Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.	Location Name : GWQ – 3: Medikeripura Village Borewell
Sample Number : 11240154	Particulars of Sample Collected : Ground Water
Date of Sampling : 13.11.2024	Date of Sample Receipt : 14.11.2024
Analysis Started On : 14.11.2024	Analysis Completed On : 21.11.2024
Report Date: 10.12.2024	

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	--	7.69	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	μS/cm	713.6	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	472.5	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	135.4	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	52.1	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	22.2	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	116.4	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.6	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	108.9	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	32.4	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	1.8	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation
C.	MICROBIOLOGICAL PARAMETERS					
16.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
17.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110044

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		: Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.		Location Name : GWQ – 4: Bore Well Alaghatta Village	
Sample Number	: 11240155	Particulars of Sample Collected : Ground Water	
Date of Sampling	: 13.11.2024	Date of Sample Receipt	: 14.11.2024
Analysis Started On	: 14.11.2024	Analysis Completed On	: 21.11.2024
Report Date: 10.12.2024			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25 ^o C	IS:3025 (Part 11)	--	7.06	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25 ^o C	IS:3025 (Part 14)	μS/cm	688.5	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	462.5	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	130.2	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	56.4	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	18.7	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	120.1	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.4	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	112.3	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	20.1	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	2.1	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation
C.	MICROBIOLOGICAL PARAMETERS					
16.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
17.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

**** End of Report ****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110045

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		:Vedanta Limited Iron Ore Mine (ML: 2677)	
Address: M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.		Location Name : GWQ – 5: Bommanaghattaihalli Village Bore Well	
Sample Number : 11240156		Particulars of Sample Collected : Ground Water	
Date of Sampling : 13.11.2024		Date of Sample Receipt : 14.11.2024	
Analysis Started On : 14.11.2024		Analysis Completed On : 21.11.2024	
Report Date: 10.12.2024			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	--	7.29	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	μS/cm	658.9	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	442.1	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	125.4	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	36.8	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	14.2	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	112.3	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.6	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	98.5	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	18.7	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	2.1	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation
C.	MICROBIOLOGICAL PARAMETERS					
16.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
17.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

**** End of Report ****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110046

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		: Vedanta Limited Iron Ore Mine (ML: 2677)	
Address: M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.		Location Name : GWQ –6 : Bore well Near office Canteen	
Sample Number	: 11240157	Particulars of Sample Collected : Ground Water	
Date of Sampling	: 13.11.2024	Date of Sample Receipt : 14.11.2024	
Analysis Started On	: 14.11.2024	Analysis Completed On : 21.11.2024	
Report Date: 10.12.2024			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	--	6.99	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	μS/cm	702.5	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	468.5	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	131.2	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	35.2	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	15.9	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	116.2	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.5	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	106.5	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	32.4	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	1.9	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation
C.	MICROBIOLOGICAL PARAMETERS					
16.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
17.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

**** End of Report ****

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110047

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		: Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.		Location Name : GWQ – 7: Near Mines Office Ground Water	
Sample Number	: 11240158	Particulars of Sample Collected : Ground Water	
Date of Sampling	: 13.11.2024	Date of Sample Receipt	: 14.11.2024
Analysis Started On	: 14.11.2024	Analysis Completed On	: 21.11.2024
Report Date: 10.12.2024			

	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	--	7.11	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	µS/cm	652.5	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	432.3	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	142.3	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	44.5	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	18.4	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	126.8	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.5	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	112.5	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	26.1	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	1.6	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation
C.	MICROBIOLOGICAL PARAMETERS					
16.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
17.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110048

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		: Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State		Location Name :GWQ – 1: New Borewell (Siding Near to office Entrance)	
Sample Number	: 11240159	Particulars of Sample Collected	: Bore well Water
Date of Sampling	: 13.11.2024	Date of Sample Receipt	: 14.11.2024
Analysis Started On	: 14.11.2024	Analysis Completed On	: 21.11.2024
Report Date: 10.12.2024			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	--	7.63	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	µS/cm	695.6	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	462.5	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	136.2	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	48.7	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	18.5	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	116.5	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.6	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	105.3	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	32.5	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	2.2	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation
C.	MICROBIOLOGICAL PARAMETERS					
16.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
17.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

**** End of Report ****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110049

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		: Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State		Location Name : GWQ – 2: New Borewell (BBH Siding Near to Weight Bridge)	
Sample Number : 11240160		Particulars of Sample Collected : Bore well Water	
Date of Sampling : 13.11.2024		Date of Sample Receipt : 14.11.2024	
Analysis Started On : 14.11.2024		Analysis Completed On : 21.11.2024	
Report Date: 10.12.2024			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	-	7.27	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	μS/cm	681.7	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	452.9	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	114.6	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	41.4	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	14.2	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	104.9	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.4	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	92.3	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	16.3	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	1.5	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation
C.	MICROBIOLOGICAL PARAMETERS					
16.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
17.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

**** End of Report ****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110051

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		: Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.		Location Name : New Borewell (Gate No – 3 BSR Entrance)	
Sample Number	: 11240162	Particulars of Sample Collected : Bore well Water	
Date of Sampling	: 13.11.2024	Date of Sample Receipt	: 14.11.2024
Analysis Started On	: 14.11.2024	Analysis Completed On	: 21.11.2024
Report Date: 10.12.2024			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	--	6.93	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	µS/cm	672.3	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	452.4	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	133.9	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	42.4	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	19.5	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	112.4	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.6	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	92.4	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	22.3	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	2.1	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation
C.	MICROBIOLOGICAL PARAMETERS					
16.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
17.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

**** End of Report ****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110052

ANALYSIS REPORT OF WATER QUALITY

Name of the Project : Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.	Location Name : New Bore well (Gate No – 3 Left Entrance)
Sample Number : 11240163	Particulars of Sample Collected : Bore well Water
Date of Sampling : 13.11.2024	Date of Sample Receipt : 14.11.2024
Analysis Started On : 14.11.2024	Analysis Completed On : 21.11.2024
Report Date: 10.12.2024	

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25 ^o C	IS:3025 (Part 11)	--	7.33	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25 ^o C	IS:3025 (Part 14)	μS/cm	678.9	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	454.6	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	129.7	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	42.1	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	18.2	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	113.7	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.6	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	99.7	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	25.4	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	2.7	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation
C.	MICROBIOLOGICAL PARAMETERS					
16.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
17.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

**** End of Report ****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State	Location Name : GWQ – 1: Megalahalli Village Borewell.
Sample Number : 032500101	Particulars of Sample Collected : Ground Water
Date of Sampling : 10.03.2025	Date of Sample Receipt : 08.03.2025
Analysis Started On : 10.03.2025	Analysis Completed On : 12.03.2025
Report Date: 10.04.2025	

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of
A	MICROBIOLOGICAL PARAMETERS					
1.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml Sample.	
2.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through Gazette
Notification of MoEF & CC, GOI
F.No: LB/99/7/2021-INST LAB-HO-
CPCB-HO/Pvt./1692 dated 27.11.2024
valid up to 21.11.2027.

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State	Location Name : GWQ – 2: BBH Railway Siding R
Sample Number : 032500103	Particulars of Sample Collected : Ground Water
Date of Sampling : 10.03.2025	Date of Sample Receipt : 08.03.2025
Analysis Started On : 10.03.2025	Analysis Completed On : 12.03.2025
Report Date: 10.04.2025	

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	MICROBIOLOGICAL PARAMETERS					
1.	Coliform organism/100ml *	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
2.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through Gazette Notification of MoEF & CC, GOI
F.No: LB/99/7/2021-INST LAB-HO-CPCB-HO/Pvt./1692 dated 27.11.2024
valid up to 21.11.2027.

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II Stage, Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		: Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.		Location Name : GWQ – 3: Medikeripura Village Borewell	
Sample Number	: 032500105	Particulars of Sample Collected	: Ground Water
Date of Sampling	: 10.03.2025	Date of Sample Receipt	: 08.03.2025
Analysis Started On	: 10.03.2025	Analysis Completed On	: 12.03.2025
Report Date: 10.04.2025			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	MICROBIOLOGICAL PARAMETERS					
1.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
2.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through Gazette
Notification of MoEF & CC, GOI
F.No: LB/99/7/2021-INST LAB-HO-
CPCB-HO/Pvt./1692 dated 27.11.2024
valid up to 21.11.2027.

RAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)		
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.	Location Name : GWQ – 4: Bore Well Alaghatta Village		
Sample Number	: 032500107	Particulars of Sample Collected	: Ground Water
Date of Sampling	: 10.03.2025	Date of Sample Receipt	: 08.03.2025
Analysis Started On	: 10.03.2025	Analysis Completed On	: 12.03.2025
Report Date: 10.04.2025			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	MICROBIOLOGICAL PARAMETERS					
1.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
2.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through Gazette
Notification of MoEF & CC, GOI
F.No: LB/99/7/2021-INST LAB-HO-
CPCB-HO/Pvt./1692 dated 27.11.2024
valid up to 21.11.2027.

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)		
Address: M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.	Location Name : GWQ – 5: Bommanaghattaihalli Village Bore Well		
Sample Number	: 032500109	Particulars of Sample Collected	: Ground Water
Date of Sampling	: 10.03.2025	Date of Sample Receipt	: 08.03.2025
Analysis Started On	: 10.03.2025	Analysis Completed On	: 12.03.2025
Report Date: 10.04.2025			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	MICROBIOLOGICAL PARAMETERS					
1.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
2.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through Gazette
Notification of MoEF & CC, GOI
F.No: LB/99/7/2021-INST LAB-HO-
CPCB-HO/Pvt./1692 dated 27.11.2024
valid up to 21.11.2027.

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)		
Address: M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.	Location Name : GWQ -6 : Bore well Near office Canteen		
Sample Number	: 032500111	Particulars of Sample Collected	: Ground Water
Date of Sampling	: 10.03.2025	Date of Sample Receipt	: 08.03.2025
Analysis Started On	: 10.03.2025	Analysis Completed On	: 12.03.2025
Report Date: 10.04.2025			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	MICROBIOLOGICAL PARAMETERS					
1.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
2.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through Gazette
Notification of MoEF & CC, GOI
F.No: LB/99/7/2021-INST LAB-HO-
CPCB-HO/Pvt./1692 dated 27.11.2024
valid up to 21.11.2027.

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)		
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.	Location Name : GWQ – 7: Near Mines Office Ground Water		
Sample Number	: 032500113	Particulars of Sample Collected	: Ground Water
Date of Sampling	: 10.03.2025	Date of Sample Receipt	: 08.03.2025
Analysis Started On	: 10.03.2025	Analysis Completed On	: 12.03.2025
Report Date: 10.04.2025			

	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	MICROBIOLOGICAL PARAMETERS					
1.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
2.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through Gazette
Notification of MoEF & CC, GOI
F.No: LB/99/7/2021-INST LAB-HO-
CPCB-HO/Pvt./1692 dated 27.11.2024
valid up to 21.11.2027.

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		:Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State		Location Name :GWQ – 1: New Borewell (Siding Near to office Entrance)	
Sample Number : 032500115		Particulars of Sample Collected : Bore Well Water	
Date of Sampling : 08.03.2025		Date of Sample Receipt : 10.03.2025	
Analysis Started On : 10.03.2025		Analysis Completed On : 12.03.2025	
Report Date: 10.04.2025			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	MICROBIOLOGICAL PARAMETERS					
1.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
2.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through Gazette Notification of MoEF & CC, GOI
F.No: LB/99/7/2021-INST LAB-HO-CPCB-HO/Pvt./1692 dated 27.11.2024
valid up to 21.11.2027.

RAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)		
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State	Location Name : GWQ – 2: New Borewell (BBH Siding Near to Weight Bridge)		
Sample Number	: 032500117	Particulars of Sample Collected	: Bore Well Water
Date of Sampling	: 08.03.2025	Date of Sample Receipt	: 10.03.2025
Analysis Started On	: 10.03.2025	Analysis Completed On	: 12.03.2025
Report Date: 10.04.2025			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	MICROBIOLOGICAL PARAMETERS					
1.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
2.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through Gazette Notification of MoEF & CC, GOI
F.No: LB/99/7/2021-INST LAB-HO-CPCB-HO/Pvt./1692 dated 27.11.2024
valid up to 21.11.2027.

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II Stage, Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		:Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.		Location Name : New Borewell (Gate No – 3 BSR Entrance)	
Sample Number : 032500119		Particulars of Sample Collected : Bore Well Water	
Date of Sampling : 08.03.2025		Date of Sample Receipt : 10.03.2025	
Analysis Started On : 10.03.2025		Analysis Completed On : 12.03.2025	
Report Date: 10.04.2025			

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	MICROBIOLOGICAL PARAMETERS					
1.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
2.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through Gazette
Notification of MoEF & CC, GOI
F.No: LB/99/7/2021-INST LAB-HO-
CPCB-HO/Pvt./1692 dated 27.11.2024
valid up to 21.11.2027.

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

ANALYSIS REPORT OF WATER QUALITY

Name of the Project : Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.	Location Name : New Bore well (Gate No – 3 Left Entrance)
Sample Number : 032500121	Particulars of Sample Collected : Bore Well Water
Date of Sampling : 08.03.2025	Date of Sample Receipt : 10.03.2025
Analysis Started On : 10.03.2025	Analysis Completed On : 12.03.2025
Report Date: 10.04.2025	

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	MICROBIOLOGICAL PARAMETERS					
1.	Coliform organism/100ml	IS:1622-1981	MPN	ND	Shall not be detected in any 100 ml sample.	
2.	E. Coli Bacteria/100ml	IS:1622-1981	MPN	ND		

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through Gazette
Notification of MoEF & CC, GOI
F.No: LB/99/7/2021-INST LAB-HO-
CPCB-HO/Pvt./1692 dated 27.11.2024
valid up to 21.11.2027.

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030044

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State	Location Name : GWQ – 1: Megalahalli Village Borewell.
Sample Number : 032500100	Particulars of Sample Collected : Ground Water
Date of Sampling : 10.03.2025	Date of Sample Receipt : 08.03.2025
Analysis Started On : 10.03.2025	Analysis Completed On : 18.03.2025
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Environmental Pollution
ULR No: TC1392625000000282F	Report Date: 10.04.2025

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25 ⁰ C	IS:3025 (Part 11)	--	7.52	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25 ⁰ C	IS:3025 (Part 14)	μS/cm	712.4	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	476.2	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	128.5	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	36.4	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	16.2	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	116.5	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.6	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	106.2	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	22.6	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	2.0	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; **NA:** Not Analyzed; **ND:** Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

**** End of Report ****

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No. 2025030045

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State	Location Name : GWQ – 2: BBH Railway Siding R
Sample Number : 032500102	Particulars of Sample Collected : Ground Water
Date of Sampling : 10.03.2025	Date of Sample Receipt : 08.03.2025
Analysis Started On : 10.03.2025	Analysis Completed On : 18.03.2025
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Environmental Pollution
ULR No: TC1392625000000283F	Report Date: 10.04.2025

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	-	7.26	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	μS/cm	725.3	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	482.4	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	138.2	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	36.5	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	16.2	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	126.2	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.5	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	112.2	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	28.6	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	2.3	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No. 2025030046

ANALYSIS REPORT OF WATER QUALITY

Name of the Project		: Vedanta Limited Iron Ore Mine (ML: 2677)	
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.		Location Name : GWQ – 3: Medikeripura Village Borewell	
Sample Number	: 032500104	Particulars of Sample Collected	: Ground Water
Date of Sampling	: 10.03.2025	Date of Sample Receipt	: 08.03.2025
Analysis Started On	: 10.03.2025	Analysis Completed On	: 18.03.2025
Analysis Started on : --		Analysed Completed on: --	
Discipline : Chemical		Group: Environmental Pollution	
ULR No: TC1392625000000284F		Report Date: 10.04.2025	

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	--	6.95	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	µS/cm	703.6	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	470.2	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	122.6	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	22.4	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	10.2	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	108.6	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.6	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	88.4	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	22.1	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	2.0	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Chemist

Authorized Signatory By

NEELAKAN

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No. 2025030040

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)		
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.	Location Name : GWQ – 4: Bore Well Alaghatta Village		
Sample Number : 032500106	Particulars of Sample Collected : Ground Water		
Date of Sampling : 10.03.2025	Date of Sample Receipt : 08.03.2025		
Analysis Started On : 10.03.2025	Analysis Completed On : 18.03.2025		
Analysis Started on : --	Analysed Completed on: --		
Discipline : Chemical	Group: Environmental Pollution		
ULR No: TC1392625000000278F	Report Date: 10.04.2025		

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	--	7.31	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	µS/cm	672.1	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	448.2	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	116.4	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	30.2	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	9.8	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	102.6	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.4	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	94.2	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	18.2	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	1.8	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDA

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No. 2025030041

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)		
Address: M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.	Location Name : GWQ – 5: Bommanaghattaihalli Village Bore Well		
Sample Number : 032500108	Particulars of Sample Collected : Ground Water		
Date of Sampling : 10.03.2025	Date of Sample Receipt : 08.03.2025		
Analysis Started On : 10.03.2025	Analysis Completed On : 18.03.2025		
Analysis Started on : --	Analysed Completed on: --		
Discipline : Chemical	Group: Environmental Pollution		
ULR No: TC139262500000279F	Report Date: 10.04.2025		

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	--	6.96	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	µS/cm	712.5	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	474.6	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	142.2	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	36.8	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	14.1	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	122.2	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.6	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	110.6	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	21.2	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	2.3	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDA

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No. 2025030042

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)
Address: M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.	Location Name : GWQ –6 : Bore well Near office Canteen
Sample Number : 032500110	Particulars of Sample Collected : Ground Water
Date of Sampling : 10.03.2025	Date of Sample Receipt : 08.03.2025
Analysis Started On : 10.03.2025	Analysis Completed On : 18.03.2025
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Environmental Pollution
ULR No: TC1392625000000280F	Report Date: 10.04.2025

Sr. No.	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25°C	IS:3025 (Part 11)	--	7.09	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25°C	IS:3025 (Part 14)	µS/cm	685.4	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	458.2	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	132.6	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	42.2	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	16.0	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	118.4	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.6	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	104.2	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	26.2	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	2.0	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No. 2025030043

ANALYSIS REPORT OF WATER QUALITY

Name of the Project	: Vedanta Limited Iron Ore Mine (ML: 2677)
Address : M/s. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka State.	Location Name : GWQ – 7: Near Mines Office Ground Water
Sample Number : 032500112	Particulars of Sample Collected : Ground Water
Date of Sampling : 10.03.2025	Date of Sample Receipt : 08.03.2025
Analysis Started On : 10.03.2025	Analysis Completed On : 18.03.2025
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Environmental Pollution
ULR No: TC1392625000000281F	Report Date: 10.04.2025

	Parameters	Protocol	Unit	Result	Standard IS 10500: 2012 (2 nd Revision) mdt.1	
					Acceptable Limit	Permissible limit in the absence of alternate source
A.	PHYSICAL PARAMETERS					
1.	Colour	IS:3025 (Part 4)	Hazen	--	5	15
2.	pH@ 25 ^o C	IS:3025 (Part 11)	--	6.85	6.5 to 8.5	No Relaxation
3.	Turbidity	IS:3025 (Part 10)	NTU	BDL	1	5
B.	CHEMICAL PARAMETERS					
4.	Conductivity@ 25 ^o C	IS:3025 (Part 14)	μS/cm	676.4	Not Specified	Not Specified
5.	Total Dissolved solids	IS:3025 (Part-16)	mg/l	450.2	500	2000
6.	Total Suspended Solids	IS 3025 (Part 17)	mg/l	--	Not Specified	Not Specified
7.	Total Hardness as CaCO ₃	IS: 3025 (Part 21)	mg/l	132.4	200	600
8.	Calcium as Ca	IS 3025 (Part 40)	mg/l	40.1	75	200
9.	Magnesium as Mg	IS 3025 (Part 46)	mg/l	18.4	30	100
10.	Total Alkalinity as CaCO ₃	IS:3025 (Part 23)	mg/l	118.4	200	600
11.	Fluorides as F	IS 3025 (Part 60)	mg/l	0.5	1	1.5
12.	Chlorides as Cl	IS:3025 (Part 32)	mg/l	98.4	250	1000
13.	Sulphate as SO ₄	IS 3025 (Part 24)	mg/l	22.2	200	400
14.	Nitrate as NO ₃	IS 3025 (Part 60)	mg/l	2.3	45	No Relaxation
15.	Iron as Fe	IS 3025 (Part 53)	mg/l	BDL	0.3	No Relaxation

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

BDL: Below Detection Limit; NA: Not Analyzed; ND: Not Detected.

INFERENCE	As per IS Standards Report Status: All tested parameters are within acceptable limits
Sample Collected by	M/s. METAMORPHOSIS SM Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110086

NOISE LEVEL (NIGHT) MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Near Gate No - 1	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q650063		Particulars of Sample Collected : Noise Level (Night)	
Date of Measurement : 16.11.2024		Date of Sample Receipt : 18.11.2024	
Report Date: 10.12.2024			

Sampling point	Sample no	Protocol	Result (dB (A))					
			Day			Night		
			LMin	LMax	Leq	LMin	LMax	Leq
Near Gate No - 1	11240215E	IS: 9989 - 1981	--	--	--	42.9	52.1	48.5

Limits in dB (A) Leq			
Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a. m.)
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Sensitive Zone	50	40

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
Accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity from
20.06.2024 to 19.06.2026

"PRAKRUTI BHAVAN", #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bengaluru - 560068, Karnataka, India, Telefax:
+91.80.26783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPOR

No. 2024110087

NOISE LEVEL (NIGHT) MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Near Gate No - 2	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q650063		Particulars of Sample Collected : Noise Level (Night)	
Date of Measurement : 16.11.2024		Date of Sample Receipt : 18.11.2024	
Report Date: 10.12.2024			

Sampling point	Sample no.	Protocol	Result (dB (A))					
			Day			Night		
			LMin	LMax	Leq	LMin	LMax	Leq
Near Gate No - 2	11240215F	IS:9989 - 1981	--	--	--	48.2	56.7	51.8

Limits in dB (A) Leq			
Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a. m.)
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Sensitive Zone	50	40

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

****End of Report****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
Accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity from
20.06.2024 to 19.06.2026

"PRAKRUTIBHAVAN", #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bengaluru - 560068, Karnataka, India, Telefax:
+91.80.26783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110088

NOISE LEVEL (NIGHT) MEASUREMENT

Name of the Project			: Vedanta Limited Iron Ore Mine (ML2677)					
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.			Location Name : Near Gate No - 3					
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q650063			Particulars of Sample Collected : Noise Level (Night)					
Date of Measurement : 16.11.2024			Date of Sample Receipt : 18.11.2024					
Report Date: 10.12.2024								
Sampling point	Sample no.	Protocol	Result (dB (A))					
			Day			Night		
			LMin	LMax	Leq	LMin	LMax	Leq
Near Gate No - 3	11240215G	IS:9989 -1981	--	--	--	46.2	54.1	50.2

Limits in dB (A) Leq			
Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a. m.)
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Sensitive Zone	50	40

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

****End of Report****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
Accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity from
20.06.2024 to 19.06.2026

"PRAKRUTIBHAVAN", #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bengaluru - 560068, Karnataka, India, Telefax:
+91.80.26783006 Email:mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110089

NOISE LEVEL (NIGHT) MEASUREMENT

Name of the Project	: Vedanta Limited Iron Ore Mine (ML2677)
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Near Megalahalli Village
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q650063	Particulars of Sample Collected : Noise Level (Night)
Date of Measurement : 16.11.2024	Date of Sample Receipt : 18.11.2024
Report Date: 10.12.2024	

Sampling point	Sample no.	Protocol	Result (dB (A))					
			Day			Night		
			LMin	LMax	Leq	LMin	LMax	Leq
Near Megalahalli Village	11240215A	IS:9989 - 1981	--	--	--	38.7	48.2	42.5

Limits in dB (A) Leq			
Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a. m.)
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Sensitive Zone	50	40

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
Accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity from
20.06.2024 to 19.06.2026

"PRAKRUTIBHAVAN", #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bengaluru - 560068, Karnataka, India, Telefax:
+91.80.26783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110089

NOISE LEVEL (NIGHT) MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Near Konanuru Village	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q650063		Particulars of Sample Collected : Noise Level (Night)	
Date of Measurement : 16.11.2024		Date of Sample Receipt : 18.11.2024	
Report Date: 10.12.2024			

Sampling point	Sample no.	Protocol	Result (dB (A))					
			Day			Night		
			LMin	LMax	Leq	LMin	LMax	Leq
Near Konanuru Village	11240215B	IS:9989 - 1981	--	--	--	35.6	46.7	41.8

Limits in dB (A) Leq			
Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a. m.)
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Sensitive Zone	50	40

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
Accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity from
20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN", #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bengaluru - 560068, Karnataka, India, Telefax:
+91.80.26783006 Email: mail@metamorphosis-india.com



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110090

NOISE LEVEL (NIGHT) MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Near Madikeripura Village	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q650063		Particulars of Sample Collected : Noise Level (Night)	
Date of Measurement : 16.11.2024		Date of Sample Receipt : 18.11.2024	
Report Date: 10.12.2024			

Sampling point	Sample no.	Protocol	Result (dB (A))					
			Day			Night		
			LMin	LMax	Leq	LMin	LMax	Leq
Near Madikeripura Village	11240215C	IS:9989 - 1981	--	--	--	39.1	50.6	46.1

Limits in dB (A) Leq			
Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a. m.)
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Sensitive Zone	50	40

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
Accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity from
20.06.2024 to 19.06.2024

"PRAKRUTI BHAVAN", #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bengaluru - 560068, Karnataka, India, Telefax:
+91.80.26783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110091

NOISE LEVEL (NIGHT) MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Near Tanigehalli Village	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q650063		Particulars of Sample Collected : Noise Level (Night)	
Date of Measurement : 16.11.2024		Date of Sample Receipt : 18.11.2024	
Report Date: 10.12.2024			

Sampling point	Sample no.	Protocol	Result (dB (A))					
			Day			Night		
			LMin	LMax	Leq	LMin	LMax	Leq
Near Tanigehalli Village	11240215D	IS:9989 - 1981	--	--	--	40.3	48.7	45.3

Limits in dB (A) Leq			
Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a. m.)
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Sensitive Zone	50	40

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: Values are found within the permissible limits applicable to industrial area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

****End of Report****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
Accreditation ISO/IEC 17025:2027,
Certificate No: 13926, Validity from
20.06.2024 to 19.06.2026

"PRAKRUTIBHAVAN", #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bengaluru - 560068, Karnataka, India, Telefax:
+91.80.26783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030116

AMBIENT NOISE MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Buffer Zone –Near Megalahalli Village	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.		Particulars of Sample Collected : Noise Level	
Date of Measurement : 26.03.2025		Date of Sample Receipt : 29.03.2025	
Report Date: 10.04.2025			

Sampling point	Sample no	Protocol	Result dB (A)					
			Day			Night		
			LMin	LMax	Leq	LMin	LMax	Leq
Megalahalli Village	032500145	IS: 9989 - 1981	58.6	67.5	62.3	36.4	45.1	39.8

Area Code	Category of Area/ Zone	Day (6 am to 10 p.m.)	Night (10 p.m to 6 a.m)
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Sensitive Zone	50	40

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-
india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030117

AMBIENT NOISE MEASUREMENT

Name of the Project : Vedanta Limited Iron Ore Mine (ML2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Buffer Zone –Medikerapura Village
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.	Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025	Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025	

Sampling point	Sample no	Protocol	Result dB (A)					
			Day			Night		
			LMin	LMax	Leq	LMin	LMax	Leq
Medikerapura Village	032500146	IS: 9989 - 1981	55.6	66.1	60.7	35.2	44.1	39.5

Limits in dB (A) Leq			
Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a. m.)
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Sensitive Zone	50	40

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-
india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030118

AMBIENT NOISE MEASUREMENT

Name of the Project			: Vedanta Limited Iron Ore Mine (ML2677)		
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.			Location Name : Buffer Zone – Tanigehalli Village		
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.			Particulars of Sample Collected : Noise Level		
Date of Measurement : 26.03.2025			Date of Sample Receipt : 29.03.2025		
Report Date: 10.04.2025					
Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Tanigehalli Village	032500147	IS: 9989 - 1981	62.3	70.4	66.3

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No:13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-
india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030119

AMBIENT NOISE MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML2677)
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Buffer Zone – Konanuru Village
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.		Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025		Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025		

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Konanuru Village	032500148	IS: 9989 - 1981	52.3	62.1	56.4

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-
india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030120

AMBIENT NOISE MEASUREMENT

Name of the Project : Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Buffer Zone – Sasalu Village
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.	Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025	Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025	

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Sasulu Village	032500149	IS: 9989 - 1981	60.4	69.1	65.1

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)



Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030121

AMBIENT NOISE MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Buffer Zone – Sirigere Village	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.		Particulars of Sample Collected : Noise Level	
Date of Measurement : 26.03.2025		Date of Sample Receipt : 29.03.2025	
Report Date: 10.04.2025			

Sampling point	Sample no	Protocol	Result dB		
			Day		
			LMin	LMax	Leq
Sirigera Village	032500150	IS: 9989 - 1981	50.6	60.2	56.1

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)



Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030122

AMBIENT NOISE MEASUREMENT

Name of the Project	: Vedanta Limited Iron Ore Mine (ML:2677)
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Fixed Plant – 1
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.	Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025	Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025	

Sampling point	Sample no	Protocol	Result dB		
			Day		
			LMin	LMax	Leq
Fixed Plant - 1	032500151	IS: 9989 - 1981	58.1	66.2	62.4

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: Values are found within the permissible limits applicable to industrial area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**



Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030123

AMBIENT NOISE MEASUREMENT

Name of the Project			: Vedanta Limited Iron Ore Mine (ML:2677)		
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.			Location Name : Bheemasamudra Village		
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.			Particulars of Sample Collected : Noise Level		
Date of Measurement : 26.03.2025			Date of Sample Receipt : 29.03.2025		
Report Date: 10.04.2025					
Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Bheemasamudhra Village	032500152	IS: 9989 - 1981	55.1	66.8	61.2

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible Limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

****End of Report****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030124

AMBIENT NOISE MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Excavators	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.		Particulars of Sample Collected : Noise Level	
Date of Measurement : 26.03.2025		Date of Sample Receipt : 29.03.2025	
Report Date: 10.04.2025			

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Excavator - 1	032500153	IS: 9989 - 1981	62.3	71.2	67.1
Excavator - 2	032500154	IS: 9989 - 1981	61.4	70.6	66.2

ACGIH Noise Threshold Limits										
Duration per Day (Hours)*	16	8	6	4	3	2	1.5	1	0.5	0.25
Sound Level dB (A)	82	85	86	88	89	91	92	94	97	100

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found to be within the permissible limits applicable to ACGIH Noise Threshold Limits.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore - 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030125

AMBIENT NOISE MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Wheel Loaders	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.		Particulars of Sample Collected : Noise Level	
Date of Measurement : 26.03.2025		Date of Sample Receipt : 29.03.2025	
Report Date: 10.04.2025			

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Wheel Loader - 1	032500155	IS: 9989 - 1981	60.4	71.3	66.4
Wheel Loader - 2	032500156	IS: 9989 - 1981	58.3	69.1	63.2
Wheel Loader - 3	032500157	IS: 9989 - 1981	61.2	71.6	65.9

ACGIH Noise Threshold Limits										
Duration per Day (Hours)*	16	8	6	4	3	2	1.5	1	0.5	0.25
Sound Level dB(A)	82	85	86	88	89	91	92	94	97	100

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found to be within the permissible limits applicable to ACGIH Noise Threshold Limits.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030126

AMBIENT NOISE MEASUREMENT

Name of the Project	: Vedanta Limited Iron Ore Mine (ML2677)
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Truck Volvo
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.	Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025	Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025	

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Truck Volvo - 1	032500158	IS: 9989 - 1981	62.3	71.2	67.3
Truck Volvo - 2	032500159	IS: 9989 - 1981	65.3	75.6	70.5

ACGIH Noise Threshold Limits										
Duration per Day (Hours)*	16	8	6	4	3	2	1.5	1	0.5	0.25
Sound Level dB(A)	82	85	86	88	89	91	92	94	97	100

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found to be within the permissible limits applicable to ACGIH Noise Threshold Limits.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030127

AMBIENT NOISE MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML2677)
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : MSP (North Block)
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.		Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025		Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025		

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
MSP (North Block)	032500160	IS: 9989 - 1981	64.1	73.1	68.1

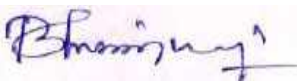
ACGIH Noise Threshold Limits										
Duration per Day (Hours)*	16	8	6	4	3	2	1.5	1	0.5	0.25
Sound Level dB(A)	82	85	86	88	89	91	92	94	97	100

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible limits applicable to ACGIH Noise Threshold Limits.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory



LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030128

AMBIENT NOISE MEASUREMENT

Name of the Project	: Vedanta Limited Iron Ore Mine (ML2677)
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : 5 – 6 WB Area
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.	Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025	Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025	

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
5,6 WB Area	032500161	IS: 9989 - 1981	56.9	68.2	62.4

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found to be within the permissible limits applicable to industrial area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030129

AMBIENT NOISE MEASUREMENT

Name of the Project	: Vedanta Limited Iron Ore Mine (ML2677)
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Parking Area
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.	Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025	Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025	

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Parking Area	032500162	IS: 9989 - 1981	60.1	69.3	65.2

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found to be within the permissible limits applicable to industrial area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030130

AMBIENT NOISE MEASUREMENT

Name of the Project	: Vedanta Limited Iron Ore Mine (ML:2677)
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Ripper Dozer
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.	Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025	Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025	

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Ripper Dozer - 1	032500163	IS: 9989 - 1981	62.3	74.2	65.2
Ripper Dozer - 2	032500164	IS: 9989 - 1981	65.3	74.9	69.3

ACGIH Noise Threshold Limits										
Duration per Day (Hours)*	16	8	6	4	3	2	1.5	1	0.5	0.25
Sound Level dB(A)	82	85	86	88	89	91	92	94	97	100

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found to be within the permissible limits applicable to ACGIH Noise Threshold Limits.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore - 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030131

AMBIENT NOISE MEASUREMENT

Name of the Project	: Vedanta Limited Iron Ore Mine (ML:2677)
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Grader
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.	Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025	Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025	

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Grader	032500165	IS: 9989 - 1981	60.3	70.1	66.0

ACGIH Noise Threshold Limits										
Duration per Day (Hours)*	16	8	6	4	3	2	1.5	1	0.5	0.25
Sound Level dB(A)	82	85	86	88	89	91	92	94	97	100

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found to be within the permissible limits applicable to ACGIH Noise Threshold Limits.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030132

AMBIENT NOISE MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Sesa - 1	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.		Particulars of Sample Collected : Noise Level	
Date of Measurement : 26.03.2025		Date of Sample Receipt : 29.03.2025	
Report Date: 10.04.2025			

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Sesa – 1	032500166	IS: 9989 - 1981	56.3	65.2	60.2

ACGIH Noise Threshold Limits										
Duration per Day (Hours)*	16	8	6	4	3	2	1.5	1	0.5	0.25
Sound Level dB(A)	82	85	86	88	89	91	92	94	97	100

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found to be within the permissible limits applicable to ACGIH Noise Threshold Limits.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



TC-13926

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030133

AMBIENT NOISE MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Near Gate - 1	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.		Particulars of Sample Collected : Noise Level	
Date of Measurement : 26.03.2025		Date of Sample Receipt : 29.03.2025	
Report Date: 10.04.2025			

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Near gate - 1	032500167	IS: 9989 - 1981	58.6	66.2	62.5

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

****End of Report****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030134

AMBIENT NOISE MEASUREMENT

Name of the Project	: Vedanta Limited Iron Ore Mine (ML:2677)
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Near Gate - 2
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.	Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025	Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025	

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
Near Gate - 2	032500168	IS: 9989 - 1981	60.2	71.4	66.2

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 22025030135

AMBIENT NOISE MEASUREMENT

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : BBH Siding	
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.		Particulars of Sample Collected : Noise Level	
Date of Measurement : 26.03.2025		Date of Sample Receipt : 29.03.2025	
Report Date: 10.04.2025			

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			LMin	LMax	Leq
BBH Siding	032500169	IS: 9989 - 1981	58.6	68.9	63.1

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: - Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026



PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore - 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2025030136

AMBIENT NOISE MEASUREMENT

Name of the Project	: Vedanta Limited Iron Ore Mine (ML2677)
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : TUP Pump
Instrument Details : Digital sound level meter Lutron SL 4033 SD &SI. No: Q705494.	Particulars of Sample Collected : Noise Level
Date of Measurement : 26.03.2025	Date of Sample Receipt : 29.03.2025
Report Date: 10.04.2025	

Sampling point	Sample no	Protocol	Result dB (A)		
			Day		
			L Min	L Max	Leq
TUB Pumb	032500170	IS: 9989 - 1981	59.6	68.1	64.9

Area Code	Category of Area/ Zone	Day (6 a.m. to 10 p.m.)
(A)	Industrial Area	75
(B)	Commercial Area	65
(C)	Residential Area	55
(D)	Sensitive Zone	50

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Report Status as per KSPCB Standards: Values are found within the permissible limits applicable to residential area.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

End of Report

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)



Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st & 2nd Floor, 40th Main,
1st Cross, BTM Layout II Stage, Behind Central Silk
Board, Bangalore – 560068, Karnataka, India, Tele:
+918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

An ISO 9001:2015
OHSAS 45001:2018

thought.....process.....reality!!

TEST REPORT

No. 2025010090

PERSONAL NOISE (DOSE) REPORTS

Name of the Project			: Vedanta Limited Iron Ore Mine (ML:2677)		
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.			Location Name : --		
Sample Code : 01250122			Particulars of Sample Collected : Personal (Dose) Noise Sample		
Date of Measurement : 28.01.2025			Sample Received Date : 30.01.2025		
Analysis Started on : --			Analysis Completed on : --		
Report Date: 10.02.2025					
Sr. No.	Date	Operators	Leq dB(A)	Dose (%)	TWA - dB(A)
1	28.01.2025	Mr. C.Umesh - Operator	25.6	2.1	25.6
2	28.01.2025	Mr. K.N Annappa - Operator	14.7	3.6	14.7
3	28.01.2025	Mr. B.T Cahndru - Operator	15.9	1.4	15.9
4	28.01.2025	Mr. Devandrappa - Operator	23.4	4.2	23.4
5	28.01.2025	Mr. B.R Lavesha - Logistics	30.8	3.9	30.8
6	28.01.2025	Mr. S Rajappa - Logistics	15.9	4.1	15.9
7	28.01.2025	Mr. S. Jagadesh - Logistics	17.5	3.2	17.5
8	28.01.2025	Mr. Samir Laxman Gaonk - Maintenance	21.4	3.7	21.4
9	28.01.2025	Mr. Rasheed Haroon - Maintenance	32.5	3.1	32.5
10	28.01.2025	Mr. Ragavendra D Badiger - Maintenance	41.9	4.1	41.9
11	28.01.2025	Mr. Shivakumara - BSV	39.5	5.6	39.5
12	28.01.2025	Mr. kariyappa . R - BSV	34.2	10.1	34.2
13	28.01.2025	Mr. Mohan M - BSV	30.6	4.2	30.6
14	28.01.2025	Mr. Basavarappa L - BSV	28.4	4.6	28.4
15	28.01.2025	Mr. Hanumanthappa C.O - CGO	19.5	3.9	19.5
16	28.01.2025	Mr. B Nagappa - CGO	17.4	4.5	17.4
17	28.01.2025	Mr. Ramachandrappa .H Chala - Security	15.9	5.9	15.9



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

An ISO 9001:2015
OHSAS 45001:2018

thought.....process.....reality!!

18	28.01.2025	Mr. Mallappa - Security	25.4	6.7	25.4
19	28.01.2025	Mr. Kadaphara Raveendra - Security	26.9	4.1	26.9
20	28.01.2025	Mr. Manoj N Yadav - Samrat	28.1	3.9	28.1
21	28.01.2025	Mr. Nagaraju SH - Samrat	20.2	5.9	20.2
22	28.01.2025	Mr. Maruti Pandurang Khot - Svenska	19.3	6.9	19.3
23	28.01.2025	Mr. Shashi Kumar G - Svenska	17.4	4.7	17.4
24	28.01.2025	Mr. Premkumar T - Veeresh	25.6	3.6	25.6
25	28.01.2025	Mr. Mallesh GO - Veeresh	23.1	4.2	23.1

Note: *The result & inference pertains to the sample tested only and parameters as per the requisition of the client.*

INFERENCE	Values are found within the limits of projected measurements.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

****End of Report****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th
Main, 1st Cross, BTM Layout II Stage, Behind Central
Silk Board, Bangalore – 560068, Karnataka, India,
Tele: +918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

Recognized through Gazette
Notification of MoEF & CC, GOI,
vide S.O. 3744 (E) dated
17.10.2019, valid upto 16.10.2024.

“PRAKRUTI BHAVAN”, #200, 1st& 2nd Floor, 40th Main, 1st
Cross, BTM Layout II Stage, Behind Central Silk Board,
Bengaluru - 560068, Karnataka, India, Telefax:
+91.80.26783006 Email: mail@metamorphosis-india.com.



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

An ISO 9001:2015
OHSAS 45001:2018

thought.....process.....reality!!

TEST REPORT

No. 2024100051

PERSONAL NOISE (DOSE) REPORTS

Name of the Project			: Vedanta Limited Iron Ore Mine (ML:2677)		
Address: Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.			Location Name : --		
Sample Code : 10240619			Particulars of Sample Collected : Personal (Dose) Noise Sample		
Date of Measurement : 30.10.2024			Sample Received Date : 04.11.2024		
Analysis Started on : --			Analysis Completed on : --		
Report Date: 10.11.2024					
Sr. No.	Date	Operators	Leq dB(A)	Dose (%)	TWA – dB(A)
1	30.10.2024	Mr. Kanresh GH - CGC	23.6	1.9	23.6
2	30.10.2024	Mr. Papaya S - CGC	41.2	3.6	41.2
3	30.10.2024	Mr. Dinakar – Peregrint Security	35.3	4.5	35.3
4	30.10.2024	Mr. Ramachandrappa - Peregrint Security	24.9	1.2	24.9
5	30.10.2024	Mr. Ramesh - Peregrint Security	42.1	2.8	42.1
6	30.10.2024	Mr. Mohan – BSV Earth Movers	39.4	2.4	39.4
7	30.10.2024	Mr. Suresh Yadav - BSV Earth Movers	32.5	2.9	32.5
8	30.10.2024	Mr. Ajay Kumar - BSV Earth Movers	16.9	3.5	16.9
9	30.10.2024	Mr. Pavan Kumar - BSV Earth Movers	22.8	7.5	22.8
10	30.10.2024	Mr. Manoj N Yadav - Samrat	18.6	2.9	18.6
11	30.10.2024	Mr. Nagaraj - Samrat	24.8	3.6	24.8
12	30.10.2024	Mr. Murali Panduranga Khot - Svenska	29.3	3.7	29.3
13	30.10.2024	Mr. Shashi Kumar G - Svenska	26.1	4.8	26.1
14	30.10.2024	Mr. B.R Lavesha - Logistics	27.2	5.9	27.2
15	30.10.2024	Mr.S Rajappa - Logistics	25.5	2.3	25.5
16	30.10.2024	Mr. S Jagadish - Logistics	26.8	3.3	26.8
17	30.10.2024	Mr. KN Annappa - Operations	18.9	3.9	18.9



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

An ISO 9001:2015
OHSAS 45001:2018

thought.....process.....reality!!

18	30.10.2024	Mr. BT Chandru - Operation	29.6	4.5	29.6
19	30.10.2024	Mr. SC Devandrappa - Operation	27.4	4.1	27.4
20	30.10.2024	Mr. Sameer Laxman Gaonk - Maintenance	36.9	5.2	36.9
21	30.10.2024	Mr. Rasheed Haroon – Maintenance	33.5	5.9	33.5
22	30.10.2024	Ragavendra D Badiger - Maintenance	30.2	5.2	30.2

Note: The result & inference pertains to the sample tested only and parameters as per the requisition of the client.

INFERENCE	Values are found within the limits of projected measurements.
Sample Collected By	M/s. METAMORPHOSISSM Laboratory Private Limited, Bengaluru.

****End of Report****

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity from
20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th
Main, 1st Cross, BTM Layout II Stage, Behind Central
Silk Board, Bangalore – 560068, Karnataka, India,
Tele: +918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

Recognized through Gazette
Notification of MoEF & CC, GOI,
vide S.O. 3744 (E) dated
17.10.2019, valid upto 16.10.2024.

“PRAKRUTI BHAVAN”, #200, 1st& 2nd Floor, 40th Main, 1st
Cross, BTM Layout II Stage, Behind Central Silk Board,
Bengaluru - 560068, Karnataka, India, Telefax:
+91.80.26783006 Email: mail@metamorphosis-india.com.

ENVIRONMENT

Questions			Supporting Evidence	Remarks								
1	Water Resources Risk Screening Assessment & Management plan	Business undertakes water risk assessment at catchment level covering physical, regulatory, environmental / ecological, social / reputational and economic risks and develop comprehensive Water Resource Management Plan (including water efficiency improvement plan) to mange the water risks	1. Risk assessment report with backup / evidence of the information collected in risk assessment. Risk assessment is conducted at least every 5 years. 2. Based on above screening did the site prioritized their operations i.e., high risk. Medium and low risk. 3. Water Resource Management (including water resource efficiency improvement) Plan addressing identified risk aspect along with person responsible and timeline 4. % completion of water risk management plan activities against the plan 5. Water monitoring program covering quantity and quality monitoring requirements and corrective actions	Water risk assessment done by TUV in May 2022, has projected risk for 2030 and 2050. Risks are categorized as site basin risk Reputational Risk, Regulatory Risk, Physical Risk Overall Risk etc. as high risk. Overall, the basin risk is categorized as medium (3.88) and operational risk as low (2.04). No recommendations / mitigation plan is given in the report. Water resource management plan is prepared Project cost evidenced. Presently the site has 5 Borewells for which Karnataka Ground water NOC is available. Out of which water is drawn from 3 borewells for 2 no (no withdrawal is being done). Other source of water is tankers. Permitted quantity - 350 m3/day - Valid until 14-09-2024. Water audit as recommended by Karnataka ground water NOC is complited and report also submitted to Seniro gRound water Geologist Comprehensive report on ground water conditions has been prepared								
2	Water Balance	Is water balance calculated and maintained by each Company location & is available ?	1. Is a water balance sheet available and based on actual measurements (than assumptions and empirical formulas) as far as feasible? Are water balances updated periodically? 2. Are water meters available to support the water balance on consumption? 3. Is water meter reading registers /online available 4. Are all records in place & available for audit? 5. Are losses understood, monitored and action plans made to address them? 6. Are action plans reviewed for achievements and updated on periodic basis? 7. Does the site conducts steam balance? (As per the applicability to the site).	Annual water balance was provided, backup calculations sheet/ excel is being maintained on monthly or daily basis. all the borewells are ,etered Water meters are installed in 3 borewells and 1 STP outlet. Calibration certificate available. Flow meters readings are maintained in notebook. No boiler is at site. So, Steam Balance is not applicable.								
3	Water Use Reduction	Did operations identify and implement measures for recycling and reuse of wastewater such as recirculation of process water for cooling or rain water harvesting.	1. Did the operations implement water conservation measures? 2. Did the operations implement rainwater harvesting ? 3. Did the operations implement recycling & reuse of waste water? 4. Has the plant/operation achieved said targets. Are the results quantified, measured and sustained (at least for 6 months)?	In FY 25 2 projects have been taken. Project charters and calculations for target evidenced Rainwater harvesting arrangement is done outside the premises but is getting accounted for water positivity calculation. <table><tr><td></td><td>FY 23</td><td>FY24</td><td>FY 25</td></tr><tr><td>Target/achieved</td><td>0.03/0.03</td><td>0.029/0.035</td><td>0.0305/0.0302</td></tr></table> Target calculation evidenced		FY 23	FY24	FY 25	Target/achieved	0.03/0.03	0.029/0.035	0.0305/0.0302
	FY 23	FY24	FY 25									
Target/achieved	0.03/0.03	0.029/0.035	0.0305/0.0302									
4	Water Quality & Waste water	Has the plant/operations/activity, identified and managed wastewater discharges to surface water, sewer systems, land application of treated effluent, and local septic systems as per Vedanta Water management policy, waste management technical standard	Drain Management: 1. Do all units have a Drainage map/plan 2. Is the map color coded to identify different waste water streams 3. Do all unit's have plan/program for different waste water streams 4. Are waste water streams (primarily process waste water and sanitary waste water) kept from mixing? 5. Do all unit's have a plan to ensure the integrity of drains carrying waste water (include drain inspection, erosion and sediment control) Waste Water Treatment: 1. Is the waste water treatment system in line with legal requirements (the same is specified for PCB consent). Are SOPs/ log books and training documentation maintained adequately? 2. Are all units recording waste water generation and disposal, in line with the legal requirements (as specified in PCB consent) and included in environment statement. Are analysis (internal/ MoEF approved lab) done as required? Spill Management: 1. Does the site has documented spill prevention program to include water leakages, spill, storm water pollution, corrective actions) and program's effectiveness. 2. Is documentation available for audit	Drainage map available and color coded. STP has been commissioned at admin office area. Mines drawing includes garland drains and positions of check dams etc. Color coded maps are available for both and are updated once every year. Last updated in March 2024. Drain integrity plan is not available. STP quality report of for November evidenced. All the vehicle wash water is sent through in a series of three settling tanks, oil and grease are separated and then treated in the STP. Site not confirmed on the sludge generation quantity and treatment. (Repeated observations) Spill prevention and control plan is maintained. Document number VL/ IMS/ENV/SP01. Leakages, Spill kits used, disposal, Inventory maintained								

5	Waste Management Documentation	Can all sites demonstrate commitment in applying the waste management hierarchy principles. Is priority given to avoidance and minimisation of waste generation followed by recovery, reuse and recycling, with disposal the least preferred option	1. Is the waste management hierarchy considered in the WMP 2. Has waste identification, classification, inventory records of the waste generation, storage and disposal available for assessment as per law of land (E.G. Hazardous waste/ Non-hazardous waste, E waste, Bio Medical waste etc.)? 3. Do the waste management procedures identify clear responsibilities for storage, handling, transportation, inventorisation and disposal ? 4. Are operations working towards recovery, reuse, recycling if possible	Waste management plan VL/IMS/ENV/WAS/01 is being maintained. Waste categorization available.
6	Implementation	Are the physical as well as chemical characteristics of hazardous waste documented, with verified compatibility, fully communicated and stored according to legal requirements and good practice?	1. Is waste stored, transported, disposed according to the waste management system? 2. Do all unit's have a program/plan for the communication of waste compatibility ? 3. Are all records in place for hazardous waste management ? (Manifest, labeling, storage requirements covered under legislations) 4. Compliance to E-Waste, Bio medical waste, Plastic management rules (Storage, segregation, labeling, disposal records)	Waste storage and disposal, transportation mapped. Compliance for E-waste, Biomedical waste, oil waste is available. Manifest copies evidenced As Per form 6 101.5 kg e-waste disposed in May 2024 As per form 10 - 9.35 kg waste disposed in June 2024
7	Waste Management Suppliers & Contractors	Are the waste management contractors assessed as per Vedanta Supplier and Contractor Management Technical Standard?	1. Is a documented Programme in place? 2. Have all units identified contractors for handling/managing various kinds of waste. 3. Do contractor agreement specify that waste/resource needs to be handled/managed as per Vedanta's Standard. It should also specify what PPEs to be used, which records are to be maintained, etc. 4. Unit has a training program for contractors & been implemented. 5. Contractors aware of hazard communication and labelling requirements (signage, PPE, spill control) and adequately implemented. 6. Are records available	Waste management plan is prepared by site. List of contractors (oil), PO and their government authorizations. Universal power solutions handles E-waste - PO evidenced, authorization evidenced Bangalore Incinerators, PO available authorization evidenced Contractor terms and conditions evidenced Contractor training program attendance is available in hard copy. Attendance 60 - TNI not evident Training content evidenced, Use of PPE and spill control not covered. Training content needed to be updated.
8	Waste Management Audits	Quarterly internal waste management audits and external vendor audits once every 3 years	1. Site undertaken internal waste management audits on minimum quarterly basis, gaps identified and action plans are available to close the identified gaps. 2. Off site waste vendor audits conducted once every 3 years and communication/ action plans available	Internal audits are conducted on Quarterly basis. Off site waste vendor audits conducted once every 3 years Jayvel - 7-03-2024 Universal power solution - 14-02-2024 Balaji - 3-10-2022 Bangalore incinerators - 10-05-2023
9	Tailing Dam Management	Systems for operation and management of the TMFs - includes water reservoirs, ash ponds and tailing dams	1. Has the site developed Tailings Management Plan (TMP) for operation, monitoring and management of tailing dams? 2. Has the site installed TMF monitoring and surveillance devices including piezometers, embankment survey monuments etc. on every raise of dam as recommended by the designer / engineering firm / Third party auditors. 3. Has the site engaged one designer/engineering firm to act as "Engineer-of-Record" to the extent possible? Are roles and responsibilities defined and executed as per standards? 4. Has the site conducted periodical risk assessment and developed risk mitigation plan? 5. Has the dam break analysis completed, mitigation action planned or work in progress as per plan? 6. Is the audit system and action plans in place? (internal - bi-annually, Designer audit - Annually, 3rd Party audit - Once in 3 years, Golder's report action planning and status)	Not Applicable

10	Resource Efficiency (GHG)	Are all sites measuring greenhouse gases Are plans (financially robust, technically feasible and cost effective) to reduce greenhouse gases associated with the design and activities of operation/project in place for all operations producing more than 25,000 tonnes of CO2-equivalent on an annual basis? Do all units quantify direct and indirect emissions annually ?	1. Have all units identified sources of GHG generation ? 2. Do unit's have a program for CO2 measurement ? (Scope 1 (Direct emissions), Scope 2 (Indirect emissions) & Scope 3 (Other indirect emissions) 3. Is there a plan in place for reduction in scope 1,2,3 emission? is the plan being reviewed regularly and are targets achieved.? 3. Do all units have a plan in place to reduce greenhouse gases 4. Are records in place & available for audit	Procedure of environment performance reporting (Doc no. VL/IMS/ENV/ PE08) is maintained as SOP For GHG reporting. It contains list of emission sources but proper rearrangement of scope1,2 and 3 is needed. Calculations formulas are needed to be added. <table><tr><td></td><td>FY 23</td><td>FY 24</td><td>FY 25</td></tr><tr><td>Specific ghg Target/achieved</td><td>0.0039/0.0042</td><td>0.0038/0.0049</td><td>0.0040/</td></tr></table> Specific energy consumption targets are not achieved. No GHG reduction projects were taken in FY 24. FY 25 2 projects taken, project charter/ management plan evidenced. Saving calculation not in management plan. calculations sheet not available		FY 23	FY 24	FY 25	Specific ghg Target/achieved	0.0039/0.0042	0.0038/0.0049	0.0040/
	FY 23	FY 24	FY 25									
Specific ghg Target/achieved	0.0039/0.0042	0.0038/0.0049	0.0040/									
11	Air	Are all sites applying the air quality prevention and mitigation measures on (in the case of operational activities) or predicted (in the case of new projects) to maintain air quality levels ?	1. Do all unit's have an Air Quality Program ? 2. Have all unit identified all the air emission sources ? 3. Are all units monitoring air quality as per legal requirements (in general, same is specified in the PCB consent) 4. Do all unit's have a plan/program of air quality monitoring for new projects, if applicable ? 5. Do all unit's have Ozone Depleting Substances (ODS) phase out programs in place ? 6. Are the Pollution control equipments identified (ESP, FTP, Bag Filters, Sprinklers), maintenance and performance monitoring (Calibration, DP testing) done and records available?	Air quality program is in place. 11 locations identified for ambient air quality measure Ambient air monitoring is done monthly. 3 DG sets are available at site - for 2 reports are evidenced as per site 1 DG set is not functional so quality monitoring is not being performed Calibration certificate for air pollution control equipment evidenced								
12	Biodiversity Management Plan	Has a Biodiversity Management Plan (BMP) been developed, implemented and maintained to eliminate, minimize, mitigate and manage impact to all biodiversity attributes and is it commensurate with the level of risk	1. Is a BMP available ? 2. Is it implemented/in progress as per BMP 3. Are documents available for audit ?	College of forestry sirs has performed an assessment "assessment and development of biodiversity management plan". In 2022. Timeline - 1years covering all seasons. Recommendations are arouna fauna development Biodiversity no net loss study by ERM in - March 2023. 15 recommendations from both studies								
13	Energy and Carbon Assessment and management Plan	Has an energy and carbon assessment been conducted, which takes into account GHG emissions, is there focus where CO2 was > 25000 tonnes annually. Has an Energy and Carbon Management Plan (ECMP) been developed to identify alternatives and to guide implementation of options to reduce GHG emissions for the location. Is the carbon footprint reviewed on an annual basis and updated as required and reported	1. Has an Energy & Carbon assessment been completed ? 2. Are GHG emissions considered & is data available ? 3. Are assessments carried out annually ? 4. Are proactive programs taken where emissions >25000 tons annually 5. Has an ECMP been developed & documented. Has site identified energy reduction initiatives and planned activities/ resources? Formation of carbon/energy committees and projects to reduce GHG 6. Does the company register for carbon credits / certified emission reductions with the UNFCC? 7. Does site considers energy efficiency for new technology or modifications and same has been documented in procurement policies? 8. Establishing energy management systems like ISO 50001 or equivalent & renewable energy implementation strategy (RPO obligations) 9. Periodical energy audits and once every 3 years external audits are done and action plans % closure. 10. Training/awareness on carbon and climate change for employees and Business Partners	The site is not yet certified for ISO 50001. Energy and Carbon committee meeting is happening quarterly once GHG emissions are considered, and data is available for audit samples checked Document no. VL/IMS/ENV/EC/01 is maintained as energy and carbon management plan 2 projects have been opted for energy reduction Energy audit was conducted by in FY 24. Trainings are being provided as a part of induction module. <table><tr><td></td><td>FY 23</td><td>FY 24</td><td>FY 25</td></tr><tr><td>Specific energy Target/ achieved</td><td>0.053/0.056</td><td>0.0498/0.068</td><td>0.052/0.048</td></tr></table>		FY 23	FY 24	FY 25	Specific energy Target/ achieved	0.053/0.056	0.0498/0.068	0.052/0.048
	FY 23	FY 24	FY 25									
Specific energy Target/ achieved	0.053/0.056	0.0498/0.068	0.052/0.048									
14	Contaminated site management	Requirement units need to implement in order to ensure that risks associated with contaminated sites are eliminated or minimised.	1. Competent person has identified risks due to contamination from past, current and future activities at the site.	Ms Vandita Korgaokar has performed the contaminated site assessment for the site. No risks identified								
		“Contaminated Site” is defined as “Sites with confirmed presence of contaminants or substances caused by human at the concentrations that either pose a significant risk and/or impact to human health or keeping in view regard to present or future land use plan	2. Preliminary site assessment done annually to identify potential environment concern and improvement plan.	No risk identified								
			3. Perform environment site assessment through third party to establish conceptual model, risk assessment, potential source, pathways, and receptors.	No risk identified								
		4. Develop remedial action plans defining technology, estimated cost, stakeholder views and timelines.	No risk identified									
		5. % closure of remedial action plans.	No risk identified									
15	Measuring and Monitoring	Have performance indicators been developed on the basis of following GRI Mining and Metals Performance Indicators - G3 / G4 / Oil & Gas supplementary EN3 – Direct energy consumption by primary energy source; EN4 – Indirect energy consumption by primary source; EN5 – Energy saved due to conservation and efficiency improvements;	1. Are the GRI data captured as applicable? 2. Are the data for said indicators available for audit? 3. Does the site have SOP for GRI related data reporting and can be validated? Does the procedure include, primary / secondary source of data, equipment / instrument, its calibration frequency, person responsible for reporting, in case of manual calculation, formulae, calculation factors, conversion factors, assumptions etc.? Auditor's note: Check for quality of data, assumptions validity, conversion factors, measuring equipment calibration etc.	GRI data is being captured via Enablon. Data is being submitted on monthly basis by site. GRI SOP available								



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110016

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project	: Vedanta Limited Iron Ore Mine (ML2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Plant - 1
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Fugitative Emission
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM $\mu\text{g m}^3$	RSPM $\mu\text{g m}^3$	NO ₂ $\mu\text{g m}^3$	SO ₂ $\mu\text{g m}^3$	Ammonia $\mu\text{g m}^3$
Sample no. Date of Sampling	MGF860013 MGF860027 MGF860051 MGF860064 MGF860090 MGF859004 MGF859026 MGF859040 (chronologically date wise)	--	--	--	--
11.11.2024	196.5	--	--	--	--
12.11.2024	204.6	--	--	--	--
18.11.2024	200.5	--	--	--	--
19.11.2024	186.5	--	--	--	--
25.11.2024	215.4	--	--	--	--
26.11.2024	218.4	--	--	--	--
29.11.2024	199.7	--	--	--	--
30.11.2024	217.6	--	--	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	--	--	--	--

INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th
Main, 1st Cross, BTM Layout II Stage, Behind Central
Silk Board, Bangalore – 560068, Karnataka, India,
Tele:+918026783006 Email:mail@metamorphosis-india.com



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110017

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project : Vedanta Limited Iron Ore Mine (ML2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Loading Point
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Fugitive Emission
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM $\mu\text{g m}^3$	RSPM $\mu\text{g m}^3$	NO ₂ $\mu\text{g m}^3$	SO ₂ $\mu\text{g m}^3$	Ammonia $\mu\text{g m}^3$
Sample no.	MGF860014 MGF860028 MGF860052 MGF860065 MGF860091 MGF859005 MGF859027 MGF859041 (chronologically date wise)	--	--	--	--
Date of Sampling					
11.11.2024	215.6	--	--	--	--
12.11.2024	196.5	--	--	--	--
18.11.2024	214.3	--	--	--	--
19.11.2024	215.7	--	--	--	--
25.11.2024	232.7	--	--	--	--
26.11.2024	195.4	--	--	--	--
29.11.2024	213.7	--	--	--	--
30.11.2024	219.5	--	--	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	--	--	--	--

INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th
Main, 1st Cross, BTM Layout II S t a g e , Behind Central
Silk Board, Bangalore – 560068, Karnataka, India,
Tele:+918026783006Email:mail@metamorphosis-india.com



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No.2024110018

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project		: Vedanta Limited Iron Ore Mine (ML2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Core Zone – Un Loading Point	
Duration of Sampling : 8 Hrs		Particulars of Sample Collected : Fugitative Emission	
Month of Sampling : November - 2024		Date of Sample Receipt : --	
Report Date: 10.12.2024			

Parameter	PM µg m ³	RSPM µg m ³	NO ₂ µg m ³	SO ₂ µg m ³	Ammonia µg m ³
Sample no.	MGF860015 MGF860029 MGF860053 MGF860066 MGF860092 MGF859006 MGF859028 MGF859042 (chronologically date wise)	--	--	--	--
Date of Sampling					
11.11.2024	216.6	--	--	--	--
12.11.2024	195.2	--	--	--	--
18.11.2024	212.4	--	--	--	--
19.11.2024	196.3	--	--	--	--
25.11.2024	190.7	--	--	--	--
26.11.2024	210.4	--	--	--	--
29.11.2024	203.8	--	--	--	--
30.11.2024	215.2	--	--	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	--	--	--	--
INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.				
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru				

** End of Report **

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th
Main, 1st Cross, BTM Layout II Stage, Behind Central
Silk Board, Bangalore – 560068, Karnataka, India,
Tele:+918026783006 Email:mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110019

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project	: Vedanta Limited Iron Ore Mine (ML2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Haulage Road
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Fugitative Emission
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM µg m ³	RSPM µg m ³	NO ₂ µg m ³	SO ₂ µg m ³	Ammonia µg m ³
Sample no. Date of Sampling	MGF860016 MGF860030 MGF860054 MGF860067 MGF860093 MGF859007 MGF859029 MGF859043 (chronologically date wise)	--	--	--	--
11.11.2024	200.6	--	--	--	--
12.11.2024	214.9	--	--	--	--
18.11.2024	213.2	--	--	--	--
19.11.2024	196.3	--	--	--	--
25.11.2024	192.4	--	--	--	--
26.11.2024	215.6	--	--	--	--
29.11.2024	219.6	--	--	--	--
30.11.2024	224.6	--	--	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	--	--	--	--

INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
Accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
From 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th
Main, 1st Cross, BTM Layout II Stage, Behind
Central Silk Board, Bangalore – 560068, Karnataka,
India, Tele: +918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

TEST REPORT

No. 2024110020

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project	: Vedanta Limited Iron Ore Mine (ML2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Ore Stack Area
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Fugitative Emission
Month of Sampling : November - 2024	Date of Sample Receipt : --
Report Date: 10.12.2024	

Parameter	PM µg m ³	RSPM µg m ³	NO ₂ µg m ³	SO ₂ µg m ³	Ammonia µg m ³
Sample no. Date of Sampling	MGF860017 MGF860031 MGF860055 MGF860068 MGF860094 MGF859008 MGF859030 MGF859044 (chronologically date wise)	--	--	--	--
11.11.2024	216.3	--	--	--	--
12.11.2024	201.8	--	--	--	--
18.11.2024	192.4	--	--	--	--
19.11.2024	205.9	--	--	--	--
25.11.2024	214.9	--	--	--	--
26.11.2024	211.2	--	--	--	--
29.11.2024	211.9	--	--	--	--
30.11.2024	210.9	--	--	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	-	--	--	--

INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

LABORATORY HEAD
(NEELAKANDAN)

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th
Main, 1st Cross, BTM Layout II Stage, Behind
Central Silk Board, Bangalore – 560068, Karnataka,
India, Tele: +918026783006 Email: mail@metamorphosis-india.com.



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!

No. 2024110021

TEST REPORT

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project		: Vedanta Limited Iron Ore Mine (ML:2677)	
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.		Location Name : Core Zone – Railway Siding	
Duration of Sampling : 8 Hrs		Particulars of Sample Collected : Fugitative Emission	
Month of Sampling : November - 2024		Date of Sample Receipt : --	
Report Date: 10.12.2024			

Parameter	PM µg m ³	RSPM µg m ³	NO ₂ µg m ³	SO ₂ µg m ³	Ammonia µg m ³
Sample no. Date of Sampling	MGF860018 MGF860032 MGF860056 MGF860069 MGF860095 MGF859009 MGF859031 MGF859045 (chronologically date wise)	--	--	--	--
11.11.2024	213.6	--	--	--	--
12.11.2024	215.8	--	--	--	--
18.11.2024	205.1	--	--	--	--
19.11.2024	214.6	--	--	--	--
25.11.2024	202.9	--	--	--	--
26.11.2024	200.7	--	--	--	--
29.11.2024	221.9	--	--	--	--
30.11.2024	219.6	--	--	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	--	--	--	--

INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Authorized Signatory

**LABORATORY HEAD
(NEELAKANDAN)**

Recognized through NABL
accreditation ISO/IEC 17025:2017,
Certification No: 13926, Validity
from 20.06.2024 to 19.06.2026

PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th
Main, 1st Cross, BTM Layout II Stage, Behind
Central Silk Board, Bangalore – 560068, Karnataka,
India, Tele: +918026783006 Email: mail@metamorphosis-india.com



An ISO 9001:2015
OHSAS 45001:2018

METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

thought.....process.....reality!!



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030034

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project	: Vedanta Limited Iron Ore Mine (ML:2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Plant - 1
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Fugitative Emission
Month of Sampling : March - 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000272F	Report Date: 10.03.2025

Parameter	PM µg m ³	--	--	--	--
Sample no. Date of Sampling	MGF946251 MGF758636 MGF596325 MGF378569 MGF152364 MGF421536 MGF163584 MGF045823 (Chronologically date wise)	--	-	--	--
06.03.2025	212.6	--	-	--	--
07.03.2025	218.4	--	-	--	--
13.03.2025	256.4	--	-	--	--
14.03.2025	254.1	--	-	--	--
20.03.2025	222.9	--	-	--	--
21.03.2025	215.6	--	-	--	--
27.03.2025	241.9	--	-	--	--
28.03.2025		--	-	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	--	--	--	--

INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Chemist

Authorized Signatory

NEELAKANDAN

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030035

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project	: Vedanta Limited Iron Ore Mine (ML:2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Loading Point
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Fugitive Emission
Month of Sampling : March - 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000273F	Report Date: 10.03.2025

Parameter	PM µg m ³	--	--	--	--
Sample no.	MGF946252 MGF758637 MGF596326 MGF378570 MGF152365 MGF421537 MGF163585 MGF045824 (Chronologically date wise)	--	--	--	--
Date of Sampling					
06.03.2025	253.6	--	--	--	--
07.03.2025	240.1	--	--	--	--
13.03.2025	212.5	--	--	--	--
14.03.2025	263.4	--	--	--	--
20.03.2025	218.2	--	--	--	--
21.03.2025	225.9	--	--	--	--
27.03.2025	245.1	--	--	--	--
28.03.2025	236.4	--	--	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	--	--	--	--

INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Chemist

Authorized Signatory

NEELAKANDAN

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II Stage, Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought.....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No.2025030036

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project	: Vedanta Limited Iron Ore Mine (ML:2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Un Loading Point
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Fugitative Emission
Month of Sampling : March - 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on : --
Discipline : Chemical	Group : Atmospheric Pollution
ULR No : TC139262500000274F	Report Date : 10.03.2025

Parameter	PM µg m ³	--	--	--	--
Sample no.	MGF946253 MGF758638 MGF596327 MGF378571 MGF152366 MGF421537 MGF163586 MGF045825 (Chronologically date wise)	--	--	--	--
Date of Sampling					
06.03.2025	261.2	--	--	--	--
07.03.2025	255.1	--	--	--	--
13.03.2025	246.3	--	--	--	--
14.03.2025	228.1	--	--	--	--
20.03.2025	241.3	--	--	--	--
21.03.2025	263.1	--	--	--	--
27.03.2025	218.6	--	--	--	--
28.03.2025	227.6	--	--	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	-	--	--	--
INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.				
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru				

** End of Report **

Analyzed By

Chemist

Authorized Signatory

NEELAKANDAN

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No. 2025030037

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project	: Vedanta Limited Iron Ore Mine (ML:2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Haulage Road
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Fugitative Emission
Month of Sampling : March - 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000275F	Report Date: 10.03.2025

Parameter	PM µg m ³	--	--	--	--
Sample no.	MGF946254 MGF758639 MGF596328 MGF378572 MGF152367 MGF421539 MGF163587 MGF045826 (Chronologically date wise)	-	--	--	--
Date of Sampling					
06.03.2025	242.3	-	--	--	--
07.03.2025	263.1	-	--	--	--
13.03.2025	245.1	-	--	--	--
14.03.2025	250.1	-	--	--	--
20.03.2025	303.1	-	--	--	--
21.03.2025	249.5	-	--	--	--
27.03.2025	258.1	-	--	--	--
28.03.2025	260.4	-	--	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	-	--	--	--

INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Chemist

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No. 2025030038

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project	: Vedanta Limited Iron Ore Mine (ML:2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Ore Stack Area
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Fugitative Emission
Month of Sampling : March - 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000276F	Report Date: 10.03.2025

Parameter	PM µg m ³	--	--	--	--
Sample no.	MGF946255 MGF758640 MGF596329 MGF378573 MGF152368 MGF421540 MGF163588 MGF045827 (Chronologically date wise)	--	--	--	--
Date of Sampling					
06.03.2025	265.3	--	--	--	--
07.03.2025	245.2	--	--	--	--
13.03.2025	212.3	--	--	--	--
14.03.2025	235.1	--	--	--	--
20.03.2025	262.1	--	--	--	--
21.03.2025	245.3	--	--	--	--
27.03.2025	215.6	--	--	--	--
28.03.2025	265.1	--	--	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	-	--	--	--

INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Authorized Signatory By

Chemist

NEELAKANDAN

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days



METAMORPHOSISSM

LABORATORY PRIVATE LIMITED

-----thought....process.....reality!!

NABL Accredited Laboratory Cert No. TC – 13926
Recognized by Minister of Environmental Forest (MoEF), Govt of India,
New Delhi Dt: 27.11.2024 to 21.11.2027.
An ISO 9001:2015 & ISO 45001:2018 Certified Company



TEST REPORT

No. 2025030039

AMBIENT AIR QUALITY DATA – FUGITIVE EMISSION

Name of the Project	: Vedanta Limited Iron Ore Mine (ML:2677)
Address : Ms. Vedanta Limited, Megalahalli Office Complex, Bheemasamudra, Chitradurga, Karnataka.	Location Name : Core Zone – Railway Siding
Duration of Sampling : 8 Hrs	Particulars of Sample Collected : Fugitative Emission
Month of Sampling : March - 2025	Date of Sample Receipt : --
Analysis Started on : --	Analysed Completed on: --
Discipline : Chemical	Group: Atmospheric Pollution
ULR No: TC1392625000000277F	Report Date: 10.03.2025

Parameter	PM µg m ³	--	--	--	--
Sample no.	MGF946256 MGF758641 MGF596330 MGF378574 MGF152369 MGF421541 MGF163589 MGF045828 (Chronologically date wise)	-	--	--	--
Date of Sampling					
06.03.2025	256.3	-	--	--	--
07.03.2025	216.3	-	--	--	--
13.03.2025	216.3	-	--	--	--
14.03.2025	245.1	-	--	--	--
20.03.2025	236.3	-	--	--	--
21.03.2025	219.5	-	--	--	--
27.03.2025	264.1	-	--	--	--
28.03.2025	251.3	-	--	--	--
Protocol Method	IS:5182 (Part 4) – Gravimetric method	--	--	--	--
NAAQ Standards	600	-	--	--	--

INFERENCE	As per CPCB SPCB Standards Report Status: All values are within the prescribed standards.
Sample Collected By	Ms. METAMORPHOSIS Laboratory Private Limited, Bengaluru

** End of Report **

Analyzed By

Chemist

Authorized Signatory By

NEELAKANDAN

Reg Office: PRAKRUTI BHAVAN #200, 1st& 2nd Floor, 40th Main, 1st Cross, BTM Layout II S t a g e , Behind Central Silk Board, Bangalore – 560068, Karnataka, India, Tele: +918026783006 Email: mail@metamorphosis.com

Note: 1) The Results listed above pertain only to the tested samples & Applicable parameters. 2) This reports is not to be reproduced either wholly or part and cannot be used as evidence in the court of law and should not be used in advertising media without prior written permission. 3) Sampling is not done by us unless otherwise specified. 4) The sample will be preserved for maximum of 15 days

ಅಲೂಬಿಡು ಅಯೋಜಿಸಿದ. ಪ್ರಬಂಧಗಳನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳು ಆಯಾ ಸಲ್ಲಿಸಬೇಕು. ಜಿಲ್ಲಾ ಮಟ್ಟದಲ್ಲಿ ವಿಜೇತರಾದವರಿಗೆ ಪ್ರತಿ ವಿಭಾಗದಲ್ಲಿ ಪ್ರತ್ಯೇಕವಾಗಿ ಹಾಗೂ 1 ಸಾವಿರ ಹಾಗೂ ರಾಜ್ಯ ಮಟ್ಟದಲ್ಲಿ ವಿಜೇತರಾದವರಿಗೆ ಪ್ರತಿ ವಿಭಾಗ ಸಾವಿರ 21 ಸಾವಿರ ಹಾಗೂ 11 ಸಾವಿರ ನಗದು ಬಹುಮಾನ ನೀಡಲಾಗುವುದು. ಕೆಳಗಿನಂತಿವೆ. ಪ್ರೌಢ ಶಾಲಾ ವಿಭಾಗ :-1) ನನಗೇಕೆ ಗಾಂಧೀಜಿ ಇಷ್ಟವಾಗುತ್ತೆ ಅಳವಡಿಸಿಕೊಳ್ಳುವ ಬಗೆ. 3) ಗಾಂಧೀಜಿಯವರ ತತ್ವಗಳಿಂದ ದೇಶ ಕಟ್ಟುವ ಬಗೆ. ಒಂದು ವಿಷಯ ಕುರಿತು ಸುಮಾರು 900 ಪದಗಳಿಗೆ ಮೀರದಂತೆ ಪ್ರಬಂಧ

ರಚಿಸಬೇಕು

ಸಾರ್ವಜನಿಕ ಸೂಚನೆ

ವೇದಾಂತ ಲಿಮಿಟೆಡ್‌ನ ಕರ್ನಾಟಕ ಜಿಲ್ಲಾ ಚಿತ್ರದುರ್ಗ ತಾಲೂಕಿನ ಮೇಗಳಹಳ್ಳಿ ಗ್ರಾಮದಲ್ಲಿರುವ "ಆ ನರೇನ್ ಐರನ್ ಅದಿರು ಗಣಿ" (ML ನಂ. 2677 160.59 ಹೆಕ್ಟೇರ್ ಭೂಮಿಯಲ್ಲಿದೆ ಕಡತ ಸಂಖ್ಯೆ SEIAA 131 MIN 2023 ದಿನಾಂಕದ ಅಡಿಯಲ್ಲಿ EIA ಅಧಿಸೂಚನೆಯ 7 ii a ಅಡಿಯಲ್ಲಿ ಪರಿಸರ ಅನುಮತಿಯು 20% (7.2 MTPA) ವಿಸ್ತರಣೆಯನ್ನು ನೀಡಲಾಗಿದೆ ಎಂದು ತಿಳಿಸಲು ಇದು ಸೂಚನೆ. ಹೇಳಲಾದ ಪರಿಸರ ತೆರವು ಪ್ರತಿಯನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿಯಲ್ಲಿ ಲಭ್ಯವಿದೆ ಮತ್ತು ಕರ್ನಾಟಕ ರಾಜ್ಯ ಪರಿಸರ ಪ್ರಭಾವ ಮೌಲ್ಯಮಾಪನ ಪ್ರಾಧಿಕಾರದ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ನೋಡಬಹುದು:

<https://parivesh.nic.in/>.

ಪದವಿ ಪೂರ್ವ ಶಿಕ್ಷಣ ನಿವಾರಿಸುವಲ್ಲಿನ ಗಾಂಧೀಜಿಯ ಜಗತ್ತು ಗ್ರಹಿಸಿದ ರೀತಿ. 3) ನನ್ನ ಬಗೆ. ಈ ಮೂರು ವಿಷಯಗಳ ಸುಮಾರು 1500 ಪದಗಳಿಗೆ ಮೀರದಂತೆ ಪ್ರಬಂಧ ವಿಭಾಗದ ವಿದ್ಯಾರ್ಥಿಗಳು ರಚಿಸಬೇಕು.

ಪದವಿ ಹಾಗೂ ಸ್ನಾತಕೋತ್ತರ ಗಾಂಧೀಜಿಯವರ ಜಾತ್ಯಾತೀತ ಸಹಿಷ್ಣುತೆ ಚಿಂತನೆ. ಸ್ವಾತಂತ್ರ್ಯ ಬದುಕಿನಲ್ಲಿ ಗಾಂಧೀಜಿ ತತ್ವಗಳನ್ನು ಕಂಡ ಸ್ವರಾಜ್ಯ ಮತ್ತು ಅರ್ಥಿಕ ಯಾವುದಾದರೂ ಒಂದು ವಿಷಯ ಮೀರದಂತೆ ಪ್ರಬಂಧಗಳನ್ನು ಪರಿಶೀಲಿಸಿ ವಿದ್ಯಾರ್ಥಿಗಳು ರಚಿಸಬೇಕು. ಮೂರು ಮತ್ತು ಸಾರ್ವಜನಿಕ ಸಂವರ್ಕ ಇ



NIT)

13.09.2023

stry of Ports,
Ports in the
uses, Transit
etc.,

ring states by
land totalling
ease rents for
sial rate fixed

enced reputed
ont / annual
nergy, other
oyment Unit

10.2023

s through

rs.

PUBLIC NOTICE

This is to inform that our "A Narrain Iron Ore Mine" (ML. No. 2677) at Megalahalli Village, Chitradurga Taluk, Chitradurga District, Karnataka of Vedanta Ltd, has been accorded with expansion of EC for 7.2 MTPA under file No. SEIAA 131 MIN 2023 dated 24.08.2023. Copy of the said Environmental Clearance is available with the Karnataka State Pollution control board and on the website of the Ministry of Environment Forest and Climate Change at Website: <https://parivesh.nic.in/>.

QuoteExpress

**NEVER COMPLAIN AND
NEVER EXPLAIN**

BENJAMIN DISRAELI

**GOV
OF**



Bid Ide

B-887: The
of Odisha inv
contractors fo

1. Nature
2. No of W
3. Tender
4. Class o
5. Availab
the Web
6. Date of
7. The Bidde
Website: I
can also

OIPR-34127/

ಕರ್ನಾಟಕ ಸರ್ಕಾರ
GOVERNMENT OF KARNATAKA

ಪ್ರಧಾನಮುಖ್ಯ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ
(ಅರಣ್ಯ ಪ್ರವೇಶಮುಖ್ಯಸ್ಥರು) ರವರ ಕಛೇರಿ

Office of the
Principal Chief Conservator of Forests
(Head of Forest Force)



ಅರಣ್ಯ ಭವನ, 18ನೇ ಅಡ್ಡರಸ್ತೆ
ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು - 560 003
AranyaBhavan, 18th Cross
Malleshwaram, Bengaluru-560 003
Telephone : 080 2334 6472
Email : apccffc@gmail.com

Old File No. A5(1).MNG.CR.6/2018-19
E-office File No. KFD/HIOFF/A5-1(MNG)/28/2018-FC
Encl....

E-63998
Date 24-07-2023

To,

The Additional Chief Secretary to Government
Department of Forest, Ecology and Environment
M. S. Building, Bengaluru

Sir,

Sub: Diversion of 9.5474 hectare of forest land in Hirekandavadi Village Sy No. 107 and Thanigehalli village Sy No. 35, Beedurga Hobli, Holalakere Taluk and Dinadadahalli village Sy No. 18, Hireguntanuru Hobli, Chitradurga Taluk, Chitradurga District for establishment of Approach Road, Loading Area and Conveyor Pipeline for Iron Ore Mine ML No. 2677 in favour of M/s Vedanta Limited, Chitradurga

Proposal No. FP/KA/MIN/51389/2020 [FORM-A]

- Ref:**
1. Online (FORM A PART-I) proposal dated 05-08-2021 (resubmitted) by M/s Vedanta Limited r/w uploading of Acknowledgement on 07-09-2021 for having delivered the hard copies of proposal to jurisdictional Deputy Conservator of Forests and Deputy Commissioner
 2. This office online communication dated 13-09-2021 to Deputy Conservator of Forests, Chitradurga Division for further processing of proposal r/w letter dated 07-01-2023[EDS query]
 3. Online submission of PART-II on 13-09-2021 by Deputy Conservator of Forests, Chitradurga Division [Letter No. A6/FC/Vedanta/CB/CR-03/2021-22 dated 27-05-2022] r/w letter dated 05-06-2023 [EDS reply]
 4. Online submission of PART-III on 15-12-2022 by Chief Conservator of Forests, Ballari Circle [Letter No.M1/MNG/Conveyor-Belt/CR-4/2018-19(Vedanta) dated 15-12-2022] r/w letter dated 30-06-2023 [EDS reply]

1. M/s Vedanta Limited, Chitradurga [User Agency] has (re)submitted an online proposal (FORM-A PART-I) on 21/01/2020 through FC web portal for seeking approval for diversion of 9.5474 hectare of forest land in Hirekandavadi Village

Sy No. 107 and Thanigehalli village Sy No. 35, Beedurga Hobli, Holalakere Taluk and Dinadadahalli village Sy No. 18, Hireguntanuru Hobli, Chitradurga Taluk, Chitradurga District for establishment of Approach Road, Loading Area and Conveyor Pipeline for Iron Ore Mine ML No. 2677 under Section 2 of the Forest (Conservation) Act, 1980. After uploading of Acknowledgement on 07-09-2021 by User Agency on FC web portal for having delivered the hard copies of the proposal to jurisdictional Deputy Conservator of Forests and Deputy Commissioner, an online communication was made by the Nodal Officer (FCA) vide Ref (2) to the Deputy Conservator of Forests, Chitradurga Division to process the said proposal further and to submit specific opinion / recommendation.

2. **Location details and component-wise breakup of forest land:** The location and component-wise breakup of forest land required for the project are as under.

District, Taluk, Hobli	Village	Sy No.	Forest extent proposed for diversion (ha)	Status of forest land
Chitradurga, Holalakere, Beedurga	Hirekandavadi	107	3.791	* Nirthadi Reserve Forest
	Thanigehalli	35	4.642	
Chitradurga, Chitradurga, Hireguntanuru	Dindadahalli	18	1.114	
Total			9.547	

* Government Notification No. G-7807-FT-158-38-2 dated 11-02-1939

Component-wise breakup of the forest land required for the project is given below.

Village	Sy No.	Components	Length (m)	Width (m)	Forest extent proposed for diversion (ha)
Hirekandavadi	107	Conveyor Pipeline	1829	20	3.658
		Approach Road	89	15	0.133
Thanigehalli	35	Conveyor Pipeline	945	20	1.891
		Loading Area	550	50	2.751
Dindadahalli	18	Conveyor Pipeline	557	20	1.114
Total					9.547

3. **DCF, Chitradurga Division Report:** The Deputy Conservator of Forests, Chitradurga Division has inspected the site on 26-05-2022 and vide Ref (3) has submitted his report along with Site Inspection Report in PART-II to the Chief Conservator of Forests, Ballari Circle, Ballari. Main features of the proposal based on the reports of the Deputy Conservator of Forests, Chitradurga Division and Chief Conservator of Forests, Ballari Circle and also that of ICT Centre of the Forest Department are given below.

- a. The forest land proposed for diversion is adjoining to the mining area and there is a possibility of the open dumps sliding into the forest. The User Agency is

required to take up soil erosion control measures all along the proposed project adjoining area

- b. The forest land proposed for diversion is in general landscape of Eco-class-III (Tropical Dry Deciduous Forests) with Open Forest (canopy density <0.4)
 - c. As per Item 4(ii) of PART-II, there are 7860 trees in various Girth classes in the proposed forest land for diversion. Main species include *Santalum album*, *Anogeissus latifolia*, *Lannea coromandelica*, *Casurina equisetifolia*, *Acacia catechu*, *Terminalia catappa*, *Eucalyptus spp.*, *Terminalia bellirica*, *Legestroemia speciose*, *Pterocarpus marsupium*, *Diospyros montana*, *Tectona grandis*, *Accaica suma*, *Dalbergia latifolia*, *Dalbergia paniculata*, *Cassia siamea*, *Leucaena leucocephala*, *Ixora parviflora*, *Terminalia tomentosa*, *Albizia lebbeck*, *Prosopis juliflora*, *Grewia abutilifolia*, *Madhuca longifolia*, *Azadirachta indica*, *Cassia fistula*, *Gmelin arborea*, *Gardenia gummifera*, *Bambusa bambos*, *Anona squamosa*, *Grevia robusta*, *Terminalia arjuna*, *Garuga pinnata*, *Anacardium occidentale*, *Phyllanthus emblica*, *Ficus racemose*, *Artocarpus heterophyllus*, *Acacia nilotica*, *Albizia odoratissima*, *Tamarindus indica*, *Thespesia populnea*, *Hardwickia binata*, *Albizia lebbeck*, *Aegle marmelos* and *Simarouba glauca* etc., among others.
 - d. Major wild animals present in and around the project area include the Leopard, Sloth bear, Hare, Wild Boar, Indian porcupine, Monitor lizard, Peafowl and Birds among others.
 - e. There are no other rare / endangered / unique species of flora and fauna reported in the forest land proposed for diversion.
 - f. The forest area proposed for diversion does not form part of any National Park/ Wildlife Sanctuary/ Biosphere Reserve/ Tiger Reserve/ Elephant Corridor/ Wildlife Migration Corridor, etc.
 - g. The forest land proposed for diversion is not located within Eco-Sensitive Zone (ESZ) of any Protected Area notified under Wildlife (Protection) Act, 1972.
 - h. There are no National Park/ Wildlife Sanctuary/ Biosphere Reserve/ Tiger Reserve/ Elephant Corridor/ Wildlife Migration Corridor, etc., located within one kilometre from boundary of the forest land proposed for diversion
 - i. There are no Protected/ Archaeological/ Heritage Sites or Defence Establishments or important monuments in the area.
 - j. There is no violation reported under Forest (Conservation) Act, 1980.
 - k. The requirement of forest land for the project is bare minimum and unavoidable.
4. **CCF Ballari Circle Report:** The Chief Conservator of Forests, Ballari Circle has not inspected the site personally. However, agreeing with the recommendation made by the DCF, Chitradurga Division, the Chief Conservator of Forests, Ballari Circle has also recommended the proposal. Specific comments of the Chief Conservator of Forests, Ballari Circle are mentioned in Item 15 & 16 of PART-II/III of the proposal cited at Ref (4) above.
5. **Net Present Value (NPV):** The User Agency is required to pay the Net Present Value (NPV) of forest land proposed for diversion as per Para 3.1 to 3.4 of the FC Guidelines communicated by Government of India, Ministry of Environment, Forests and Climate Change, New Delhi vide F.No. 5-2/2017-FC dated 28-03-

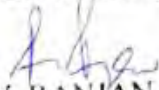
2019, the User Agency will be required to pay the applicable charges as per the order issued vide the Government of India, Ministry of Environment, Forests and Climate Change (Forest Conservation Division), New Delhi letter F.No. 5-3/2011-FC(Vol-I) dated 06-01-2022 (*guidelines regarding revised rates of NPV*), dated 19-01-2022 (*regarding proposals applicable for revised rate of NPV*) and dated 22-03-2022 (*regarding proposals applicable for revised rate of NPV*). The User Agency has uploaded/submitted an Undertaking agreeing to pay the Net Present Value (NPV) of the forest land proposed for diversion.

6. **Compensatory Afforestation (CA):** The User Agency is required to provide an equivalent extent of suitable (private) non-forest land for CA purpose in accordance with FC guidelines r/w Government of Karnataka Order No. FEE 88 FLL 2016 dated 31-08-2016 and also to pay the CA charges as per prevailing rates. Accordingly, the User Agency has identified an extent of 9.972 Ha non-forest (Private) land in Sy No. 960, 961, 962, 963, 967, 968, 969 and 970 of Maddur Village, Agara Hobli, Yelandur Taluk, Chamarajanagara District for CA purpose. The User Agency has uploaded the MoU/sale deed between the User Agency and land owners for purchasing of land to reserves for CA purpose. The process of mutation and formal transfer of the said land is underway. The Deputy Conservator of Forests and Director BRT Tiger Reserve, Chamarajanagara Division has inspected the said land on 24-03-2021 and has issued CA Land Suitability Certificate dated 24-03-2021. As the said land cannot support the required number (1000) of CA plants per hectare, the Deputy Conservator of Forests, Chitradurga Division has identified an extent of 19.094 hectare of degraded forest land in Kamarakaval Forest, Nerlahalli Village Sy No. 84, Molakalmuru Hobli, Molakalmuru Taluk, Chitradurga District to plant the remaining number of plants. The CA related documents (*Ca suitability, CA Scheme, kml file in CA, Topo Map, Geo-referenced Map with GPS reading of all corners*) are enclosed herewith. They have also been uploaded online in PART-I/II of the proposal. The User Agency has also submitted an Undertaking to pay the Compensatory Afforestation charges.
7. **Status of RoFR compliance:** With regard to compliance of the provisions of Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forests Rights) Act 2006 and Rules 2008, the User Agency has not furnished the requisite Certificate in FORM-I (for Linear projects) issued by the jurisdictional Deputy Commissioner as per Annexure II of the FC Guidelines communicated by Government of India, Ministry of Environment, Forests and Climate Change, New Delhi vide F.No. 5-2/2017-FC dated 28-03-2019. Accordingly, the User Agency is being informed again to obtain the said certificate in prescribed format and submit a copy.
8. Further, it is to submit that the Hon'ble Supreme Court in judgment dated 21-03-2017 (copy enclosed) passed in IA No. 247 & other IAs in Writ Petition Civil No. 562/2009 have approved construction of conveyor belt system, railway sidings and railway sub-lines as the most significant step towards controlling the environmental pollution that has persisted on account of open movement of iron ore by road.

In light of the facts stated above, it is requested to move the proposal with the Government of India for according 'in-principle' (Stage-I) approval for diversion of 9.5474 hectare of forest land in Hirekandavadi Village Sy No. 107 and Thanigehalli village Sy No. 35, Beedurga Hobli, Holalakere Taluk and Dinadadahalli village Sy No. 18, Hireguntanuru Hobli, Chitradurga Taluk, Chitradurga District for establishment of Approach Road, Loading Area and Conveyor Pipeline for Iron Ore Mine ML No. 2677 in favour of M/s Vedanta Limited, Chitradurga for a period Co-terminus with the mining lease granted under MMDR Act, 1957 (as Amended) subject to production of FRA certificate and also subject to the conditions specified in Annexure 'A'.

The hard copy of the proposal along with the relevant documents in 3 sets is submitted herewith for further needful. The present status of the proposal obtained from the web-portal is also appended for necessary action.

Yours faithfully

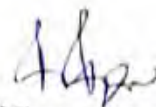

(RAJIV RANJAN IFS)
Principal Chief Conservator of Forests
(Head of Forest Force)

Copy to the:

1. Chief Conservator of Forests, Ballari Circle, Ballari for information.
2. Deputy Conservator of Forests, Chitradurga Division, Chitradurga for information.
3. M/s Vedanta Limited, Sesa Goa Iron Ore, Megalahalli Office Complex, Megalahalli village, Bheemasamudra, Chitradurga – 577 520 for information and with a request to obtain and submit the FRA Certificate in FORM-I (for Linear Projects) as mentioned above at the earliest.

ANNEXURE 'A'

1. The legal status of forest land shall remain unchanged and it shall continue to be as forest land.
2. The lessee shall pay lease rent as fixed by the Government from time to time.
3. The lease tenure shall be Co-terminus with the mining lease granted under MMDR Act, 1957 (as Amended).
4. The leased out area should be used for the purpose for which it is granted. In case the land is not used for the stipulated purpose within one year or when it is no longer needed for the stipulated purpose, the area shall be resumed back. The Chief Conservator of Forests / Deputy Conservator of Forests concerned is authorized to take necessary action in this regard.
5. In case any violations are committed by the user agency under the forest laws, the forest lease shall be liable for forfeiture under Section 82 of Karnataka Forest Act 1963.
6. No constructions other than formation of approach road shall be permitted in the proposed forest area.
7. The User Agency has to pay the Net Present Value (NPV) for forest land diverted.
8. The User Agency has to pay charges towards SMC works in the forest area of the proposed approach road to a width of 100 Mtrs on both sides along with avenue plantation of local species, to be taken up by the Karnataka Forest Department.
9. The User Agency shall ensure that there is no damage to the available fauna and other flora in and around the leased area. Any violation will be liable for action under relevant forest and any other laws.
10. No labour camp shall be established in the forest area.
11. All waste / debris generated shall be scientifically disposed off.
12. All precautions shall be taken to ensure fire- protection of the forest while executing the works.
13. Any damage to forest area due to such works shall be compensated by the User Agency. The extent of damage shall be assessed by the concerned Deputy Conservator of Forests.
14. The lessee shall not sub-lease, mortgage or hypothecate the forest area.
15. The approval under the Forest (Conservation) Act, 1980 is subject to the clearance under the Environment (Protection) Act, 1986, if required.
16. The User Agency shall also abide by all the conditions imposed by Government of India, Government of Karnataka and the Principal Chief Conservator of Forests, (Head of Forest Force).



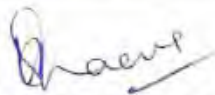
Principal Chief Conservator of Forests
(Head of Forest Force)

PART - IV

(To be filled in by the Nodal Officer or Principal Chief Conservator of Forests or Head of Forest Department)

Detailed opinion & specific recommendation of the State Forest Department for acceptance or otherwise of the proposal with remarks. (While giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon).	Recommended for diversion of 9.5474 hectare of forest land in Hirekandavadi Village Sy No. 107 and Thanigehalli village Sy No. 35, Beedurga Hobli, Holalakere Taluk and Dinadadahalli village Sy No. 18, Hireguntanuru Hobli, Chitradurga Taluk, Chitradurga District for establishment of Approach Road, Loading Area and Conveyor Pipeline for Iron Ore Mine ML No. 2677 in favour of M/s Vedanta Limited, Chitradurga for a period Co-terminus with the mining lease granted under MMDR Act, 1957 (as Amended) subject to production of FRA certificate and also subject to the conditions specified in Annexure 'A'. Proposal No. FP/KA/MIN/51389/2020 [FORM-A]
--	---

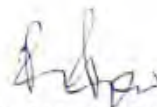
Signature:
Name:
Designation:



VIJAY SHARMA IFS
Principal Chief Conservator of Forests
(Forest Conservation) and
Nodal Officer (FCA)

(Official Seal):

Counter signed by:
Name:
Designation:



RAJIV RANJAN IFS
Principal Chief Conservator of Forests
(Head of Forest Force)

(Official Seal):

N.D.O. No: 16/2023-24

Date: 25-07-2023