

o/c

The Sandur Manganese & Iron Ores Limited

(An ISO 9001:2015; ISO 14001:2015 and 45001:2018 certified company)
CIN: L85110KA1954PLC000759; Website: www.sandurgroup.com

REGISTERED OFFICE

'SATYALAYA', No.266
Ward No.1, Palace Road
Sandur – 583 119, Ballari District
Karnataka, India
Tel: +91 8395 260301/ 283173-199
Fax: +91 8395 260473



CORPORATE OFFICE

'SANDUR HOUSE', No.9
Bellary Road, Sadashivanagar
Bengaluru – 560 080
Karnataka, India
Tel: +91 80 4152 0176 - 79 / 4547 3000
Fax: +91 80 4152 0182

06 March 2026

No: SMIORE/MN/060326/2678/ 1064

The Environmental Officer,
Karnataka State Pollution Control Board,
Ward No.25, 4th Main Road,
Kuvempu Nagar,
Ballari – 583104



Dear Sir,

Sub: Submission of reports pertaining to monitoring environmental parameters for the month of February 2026 in respect of Mining Lease No. 2678.

- Ref: 1. Environmental Clearance F.No. IA-J-11015/45/2021-IA-II(M) dated 25 April 2023.
2. Consent for Operation No. AW-345054 dated 18 September 2024.
3. Consent for Operation No. AW-348549 dated 29 April 2025.

With reference to the letter cited above, we are enclosing herewith environmental monitoring reports from NABET accredited and MoEF&CC empaneled laboratory M/s Mineral Engineering Services as per stipulated environmental parameters in Environmental Clearance and Consent for Operation-Expansion for the month of February 2026 in respect of Mining Lease No. 2678 of The Sandur Manganese & Iron Ores Limited.

Kindly request you to acknowledge receipt of the reports and oblige.

Thank you,
for The Sandur Manganese & Iron Ores Limited,

Parthipan P
Sr. General Manager & Agent

Encl: Monitoring Reports

MINES OFFICE: Deogiri - 583112, Sandur Taluk, Ballari District
Tel: +91 8395 271025 / 28 / 29 / 40; Fax: +91 8395 271066

Steel & Ferroalloy Plant, Vvasankere, Mariyammanahalli – 583 222, Hosapete Taluk, Ballari District



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**ENVIRONMENTAL LABORATORY (UNIT OF MINERAL
ENGINEERING SERVICES LLP)**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

#948,2ND CROSS, ST.THOMAS TOWN POST,KAMMANAHALLI MAIN ROAD, BENGALURU, BENGALURU
URBAN, KARNATAKA, INDIA

in the field of

TESTING

Certificate Number: TC-6172

Issue Date: 24/05/2025

Valid Until: 23/05/2027

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: MINERAL ENGINEERING SERVICES LLP

Signed for and on behalf of NABL



Anuja Anand
Director

N. Venkateswaran
Chief Executive Officer



LIFE
Lifestyle For
Environment



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT FOREST & CLIMATE CHANGE GOVT OF INDIA

12th June 2025

F. No. LB/99/7/2021-INST LAB-HO-CPCB-HO/Pvt./554

Recognition Letter

To,
The Head of Laboratory,
M/s Environmental Laboratory (Unit of Mineral Engineering Services),
948 2nd Cross St Thomas Town Post,
Kammanahalli, Bengaluru-560084,
Karnataka.

Subject: Recognition of M/s Environmental Laboratory (Unit of Mineral Engineering Services), 948 2nd Cross St Thomas Town Post, Kammanahalli, Bengaluru-560084, Karnataka as Environmental laboratory under the Environmental (Protection) Act- 1986- reg.

Sir,

With reference to your application dated 19/03/2025 along with acceptance of the terms & conditions of the guidelines for recognition of environmental laboratories under the Environmental (Protection) Act, 1986, submitted to Central Pollution Control Board (CPCB), the Competent Authority of CPCB has accorded approval for renewal of recognition of Environmental laboratory and Govt. Analysts. Subsequently, M/s **Environmental Laboratory (Unit of Mineral Engineering Services), 948 2nd Cross St Thomas Town Post, Kammanahalli, Bengaluru-560084, Karnataka** shall be notified considering the current requirement of mandatory accreditation / certifications of the laboratory with a validity up to 23/05/2028 (for three years), subject to validity of ISO/IEC 17025 and IS/ISO 45001.

2. The following analysts have been approved as Government Analysts:

1. Sh. M. Sachin Raju
2. Smt. Arshiya Kousar
3. Smt. Binu Mani

3. The laboratory should compulsorily follow the accepted terms and conditions and may undertake the following tests:

- a) **Physical Tests:** Conductivity, Colour, pH, Fixed & Volatile Solids, Total Solids, Total Dissolved Solids, Total Suspended Solids, Turbidity, Temperature, Velocity & Discharge Measurement of Industrial Effluent Stream, Flocculation Test (Jar Test), Odour, Salinity, Settleable Solids and Sludge Volume Index (SVI).
- b) **Inorganic (General and Non-metallic):** Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine Residual, Dissolved Oxygen, Fluoride, Total Hardness, Total Kjeldahl Nitrogen (TKN), Nitrite Nitrogen, Nitrate Nitrogen, Phosphate, Sulphate, Cyanide, Silica and Sulphide.
- c) **Inorganic (Trace Metals):** Boron, Cadmium, Calcium, Total Chromium, Chromium Hexavalent, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Sodium, Sodium Absorption Ratio (SAR), Zinc, Arsenic, Aluminium, Antimony, Barium, Cobalt, Selenium, Silver, Tin and Vanadium.
- d) **Organics (General) and Trace Organics:** Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Oil and Grease, Phenolic Compounds, Pesticides (each) (Organo-Chlorine and Organo Nitrogen-Phosphorus), Poly-Chlorinated Biphenyl (PCB's) each, Polynuclear Aromatic Hydrocarbon (PAH), Surfactants and Tannin & Lignin.
- e) **Microbiological Test:** Total Coliform, Faecal Coliform, *E. coli*, Faecal Streptococci and Total Plate Count.
- f) **Toxicological Tests:** Bioassay Method for Evaluation of Toxicity Using Fish (90% survival of fish after 96 hrs in 100% effluent) and Measurement of toxicity using Daphnia or other organism.

contd.

‘परिवेश भवन’ पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in



- g) **Biological Test:** Macrophytic Identification, Planktonic Identification Count and Chlorophyll.
- h) **Characterization of Hazardous Waste:** Corrosivity, Ignibility (Flash Point) and Measurement of Heavy Metals/Pesticides in the Waste/Leachate.
- i) **Soil/Sludge/Sediment and Solid Waste:** Boron, Cation Exchange Capacity (CEC), Electrical Conductivity, Nitrogen (Available), Organic Carbon/Matter (Chemical Method), pH, Phosphorous (Available), Phosphate (Ortho), Phosphate (Total), Potassium, SAR in Soil Extract, Sodium, Soil Moisture, TKN, Calorific Value, Ammonia, Bicarbonate, Calcium, Calcium Carbonate, Chloride, Colour, H. Acid, Heavy Metal, Magnesium, Nitrate, Nitrite, Potash(Available), Sulphate, Sulphur, Total Organic Carbon (TOC), Total Water Soluble Salt and Water Holding Capacity.
- j) **Ambient Air/ Fugitive Emissions:** Nitrogen Dioxide (NO₂), Sulphur Dioxide (SO₂), Total Suspended Particulate Matter, Respirable Suspended Particulate Matter (PM₁₀), Ammonia, Carbon monoxide, Chlorine, Lead, Ozone, Benzene Toluene Xylene (BTX), Polycyclic Aromatic Hydrocarbon (PAH) Benzo-a-Pyrene & others and PM_{2.5}.
- k) **Stack Gases/ Source Emission:** Particulate Matter, Sulphur Dioxide, Velocity & Flow, Carbon Dioxide, Carbon Monoxide, Temperature, Oxygen, Oxides of Nitrogen, Acid Mist, Ammonia, Chlorine, Total Hydrocarbon, Hydrogen Sulphide and Carbon Disulphide.
- l) **Noise Level:** Noise level measurement (20 to 140 dba) and Ambient Noise & Source Specific Noise.
- m) **Meteorological:** Ambient Temperature, Wind Direction, Wind Speed, Relative Humidity, Solar Radiation and Rain Fall.
4. The laboratory shall compulsorily participate in the Analytical Quality Control (AQC) Exercise conducted by the CPCB to ascertain the capability of the laboratory and analysts. The lab shall submit quarterly progress report on the sample analysis carried out to CPCB.
5. The surprise inspection / periodic surveillance of the recognized environment laboratory will be undertaken to assess its proper functioning systematic operation and reliability of data generated at the laboratory by a Joint Team as per the Notification.
6. The laboratory should have the mandatory requisite accreditation and certificate of the ISO: 17025 and ISO: 45001 as per rules. This recognition is subject to such accreditations and renewals as applicable and in case of serious non-compliance of any of the terms and conditions, the laboratory may be black listed for a minimum period of two years and civil/criminal proceedings, as applicable, may be initiated for performing functions on behalf of the Government in an unauthorized manner.
7. **M/s Environmental Laboratory (Unit of Mineral Engineering Services), Bengaluru, Karnataka** is required to apply for further renewal of recognition through online using CPCB web portal (<https://cpcbepalab.in/epalab>) before expiry of recognition with mandatory accreditation / certification concerned.

Yours faithfully,

M. S. S. S.
12/6/2024
Divisional Head
Instrumentation Laboratory

फा. सं. एलबी-2021/7/99/इंस्टलैब-एचओ-सीपीसीबी-एचओ / प्राइवेट / 554

मान्यता पत्र

सेवा में,

प्रयोगशाला प्रमुख,
मैसर्स एनवायरनमेंटल लैबोरेटरी (यूनिट ऑफ मिनरल इंजीन्यरिंग सर्विसेस एलएलपी),
948 दूसरी क्रॉस सेंट थॉमस टाउन पोस्ट,
कम्पनहल्ली, बेंगलुरु-560084,
कर्नाटक।

विषय: पर्यावरण (संरक्षण) अधिनियम, 1986 के अंतर्गत पर्यावरणीय प्रयोगशाला के रूप में मैसर्स एनवायरनमेंटल लैबोरेटरी (यूनिट ऑफ मिनरल इंजीन्यरिंग सर्विसेस एलएलपी), 948 दूसरी क्रॉस सेंट थॉमस टाउन पोस्ट, कम्पनहल्ली, बेंगलुरु-560084, कर्नाटक की मान्यता के बारे में।

महोदय,

केंद्रीय प्रदूषण नियंत्रण बोर्ड (के.प्र.नि.बोर्ड) को पर्यावरण (संरक्षण) अधिनियम, 1986 के अंतर्गत पर्यावरण प्रयोगशालाओं की मान्यता के लिए दिशानिर्देशों के निबंधन और शर्तों की स्वीकृति के साथ आपके दिनांक 19/03/2025 के प्रस्तुत आवेदन के संदर्भ में, के.प्र.नि.बोर्ड के सक्षम प्राधिकारी ने पर्यावरण प्रयोगशाला और सरकार के विश्लेषक की मान्यता के नवीनीकरण को अनुमोदन प्रदान किया है। तदनुसार, मैसर्स एनवायरनमेंटल लैबोरेटरी (यूनिट ऑफ मिनरल इंजीन्यरिंग सर्विसेस एलएलपी), 948 दूसरी क्रॉस सेंट थॉमस टाउन पोस्ट, कम्पनहल्ली, बेंगलुरु-560084, कर्नाटक को भारत की राजपत्र अधिसूचना में प्रयोगशाला की अनिवार्य प्रत्यायन/प्रमाणन की वर्तमान अपेक्षा को ध्यान में रखते हुए दिनांक 23/05/2028 (तीन साल) तक आईएसओ/ आईईसी 17025 और आईएस/आईएसओ 45001 की वैधता के साथ अधिसूचित किया जाएगा।

2. निम्नलिखित विश्लेषकों को सरकारी विश्लेषक के रूप में अनुमोदित किया गया है:

1. श्री. एम. सचिन राजू
2. श्रीमती अर्शिया कौसर
3. श्रीमती. बिनु मणि

3. प्रयोगशाला अनिवार्य रूप से स्वीकृत निबंधन और शर्तों का पालन करते हुए निम्नलिखित परीक्षणों करेगी:

- क. **भौतिक परीक्षण:** चालकता, रंग, पीएच, स्थिर और वाष्पशील ठोस, कुल ठोस, कुल विलीन ठोस, कुल निलंबित ठोस, आविलता, तापमान, वेग एवं निर्वहन औद्योगिक बहिःस्राव धारा का विसर्जन मापन, फ्लोक्यूलेशन टेस्ट (जार टेस्ट), गंध, लवणता, निपटान योग्य ठोस और आपंक वॉल्यूम इंडेक्स (एसवीआई)।
- ख. **अकार्बनिक (सामान्य और गैर-धात्विक):** अम्लता, क्षारीयता, अमोनिकल नाइट्रोजन, क्लोराइड, क्लोरीन अवशिष्ट, विलीन ऑक्सीजन, फ्लोराइड, कुल कठोरता, कुल केजेलडहल नाइट्रोजन (टीकेएन), नाइट्राइट नाइट्रोजन, नाइट्रेट नाइट्रोजन, फॉस्फेट, सल्फेट, साइनाइड, सिलिका और सल्फाइड।
- ग. **अकार्बनिक (सूक्ष्म मात्रिक धातु):** बोरोन, कैडमियम, कैल्शियम, टोटल क्रोमियम, क्रोमियम हेक्सावैलेंट, तांबा, लोहा, सीसा, मैग्नीशियम, पारा, निकल, पोटेशियम, सोडियम, सोडियम अवशोषण अनुपात (एसएआर), जिंक, आर्सेनिक, एल्युमीनियम, एंटीमनी, बेरियम, कोबाल्ट, सेलेनियम, सिल्वर, टिन और वैनेडियम।
- घ. **ऑर्गेनिक्स (सामान्य) और ट्रेस ऑर्गेनिक्स:** बायोकेमिकल ऑक्सीजन डिमांड (बीओडी), रासायनिक ऑक्सीजन डिमांड (सीओडी), तेल और ग्रीस, फेनोलिक यौगिक, कीटनाशक (प्रत्येक) (ऑर्गेनो-क्लोरीन और ऑर्गेनो नाइट्रोजन-फॉस्फोरस), पॉली-क्लोरीनेटेड बाइफेनाइल (पीसीबी) (प्रत्येक), पॉलीन्यूक्लियर एरोमैटिक हाइड्रोकार्बन (पीएच), सर्फेक्टेंट और टैनिन & लिग्निन।
- ङ. **सूक्ष्म जीवविज्ञान परीक्षण:** टोटल कोलीफॉर्म, फीकल कोलीफॉर्म, ई.कोली, फीकल स्ट्रेप्टोकोक्की, स्ट्रेप्टोकोक्की और टोटल प्लेट काउंट।
- च. **आविष विज्ञानी परीक्षण:** मछली का उपयोग करके विषाक्तता के मूल्यांकन के लिए जैव परख विधि (100% प्रवाह में 96 घंटे के बाद मछली का 90% जीवित रहना), और डैफ़निया या अन्य जीव का उपयोग करके विषाक्तता का मापन।

जारी.

- छ. **जैविक परीक्षण:** मैक्रोफाइटिक पहचान, प्लवक पहचान गणना और क्लोरोफिल।
- ज. **परिसंकटमय अपशिष्ट का लक्षण वर्णन:** संक्षारकता, ज्वलनशीलता (फ्लैश प्वाइंट) और अपशिष्ट & निक्षालक में भारी धातुओं/पीड़कनाशियों का मापन।
- झ. **मृदा/आपंक/तलछट और ठोस अपशिष्ट:** बोरॉन, कटियन एक्सचेंज क्षमता (सीईसी), विद्युत चालकता, नाइट्रोजन (उपलब्ध), कार्बनिक कार्बन/पदार्थ (रासायनिक विधि), पीएच, फास्फोरस (उपलब्ध), फॉस्फेट (ऑर्थो), फॉस्फेट (कुल), पोटेशियम, मृदा के अर्क में एसएआर, सोडियम, मृदा की नमी, टीकेएन, कैलोरी मान, अमोनिया, बाइकार्बोनेट, कैल्शियम, कैल्शियम कार्बोनेट, क्लोराइड, रंग, एच एसिड, भारी धातु, मैग्नीशियम, नाइट्रेट, नाइट्राइट, पोटेश (उपलब्ध), सल्फेट, सल्फर, कुल कार्बनिक कार्बन (टीओसी), कुल पानी में घुलनशील नमक और जल धारण क्षमता।
- ञ. **परिवेशी वायु/पलायक उत्सर्जन:** नाइट्रोजन डाइऑक्साइड (एनओ₂), सल्फर डाइऑक्साइड (एसओ₂), कुल निलंबित विविक्त कण, श्वसन योग्य निलंबित कण पदार्थ (पीएम₁₀), अमोनिया, कार्बन मोनोऑक्साइड, क्लोरीन, सीसा, ओजोन, बेंजीन टोल्युनि जाइलीन (बीटीएक्स), पॉलीसाइक्लिक एरोमैटिक हाइड्रोकार्बन (पीएच) बेंजो-ए-पाइरिन और अन्य और पीएम_{2.5}।
- ट. **चिमनी गैसें/स्रोत उत्सर्जन:** पार्टिकुलेट मैटर, सल्फर डाइऑक्साइड, वेग और प्रवाह, कार्बन डाइऑक्साइड, कार्बन मोनोऑक्साइड, तापमान, ऑक्सीजन, नाइट्रोजन के ऑक्साइड, एसिड धुंध, अमोनिया, कुल हाइड्रोकार्बन, हाइड्रोजन सल्फाइड और कार्बन डाइसल्फाइड।
- ठ. **रव (शोर) स्तर:** शोर स्तर माप (20 से 140 डीबीए) और परिवेश रव & स्रोत विशिष्ट रव।
- ड. **मौसम संबंधी:** परिवेश का तापमान, हवा की दिशा, हवा की गति, सापेक्ष आर्द्रता, सौर विकिरण और वर्षा।
4. प्रयोगशाला और विश्लेषकों की क्षमता का पता लगाने के लिए प्रयोगशाला को के.प्र.नि. बोर्ड द्वारा आयोजित विश्लेषणात्मक गुणवत्ता नियंत्रण) एक्यूसी (अभ्यास में अनिवार्य रूप से भाग लेना होगा। प्रयोगशाला किए गए नमूना विश्लेषण पर के.प्र.नि. बोर्ड को तिमाही प्रगति रिपोर्ट प्रस्तुत करेगी।
5. अधिसूचना के अनुसार, एक संयुक्त दल द्वारा मान्यता प्राप्त पर्यावरण प्रयोगशाला का औचक निरीक्षण/आवधिक निगरानी उस के उचित कामकाज, व्यवस्थित प्रचालन और प्रयोगशाला में तैयार किए गए आंकड़ों की विश्वसनीयता का निर्धारण करने के लिए की जाएगी।
6. प्रयोगशाला के पास नियमानुसार ISO/IEC: 17025)2017 (और IS/ ISO: 45001 का अपेक्षित प्रत्यायन और प्रमाण पत्र होना चाहिए। यह मान्यता यथा लागू प्रत्यायन और नवीनीकरण के अधीन है और किसी भी निबंधन और शर्तों के गंभीर गैर-अनुपालन के मामले में, प्रयोगशाला को न्यूनतम दो साल की अवधि के लिए ब्लैकलिस्ट किया जा सकता है और सरकार की ओर से अनधिकृत तरीके से कार्य करने के लिए, यथा लागू सिविल/आपराधिक कार्यवाही शुरू की जा सकती है।
7. **मैसर्स एनवायरनमेंटल लैबोरेटरी (यूनिट ऑफ मिनरल इंजीनियरिंग सर्विसेस एलएलपी), बेंगलुरु, कर्नाटक** को संबंधित अनिवार्य प्रत्यायन/प्रमाणीकरण के साथ मान्यता की समाप्ति से पूर्व केंद्रीय प्रदूषण नियंत्रण बोर्ड के वेबपोर्टल (<https://cpcbepalab.in/epalab>) का उपयोग कर के ऑनलाइन मान्यता के नवीनीकरण के लिए आवेदन करना अपेक्षित है।

भवदीय,
 14/6/2024
 प्रभागप्रमुख
 उपकरणीय प्रयोगशाला

ENVIRONMENTAL MONITORING REPORT

Project	Mining Lease No. 2678
Location	Deogiri Manganese & Iron Ore Mine, Kammathuru Iron Ore Mine, Subrayanahalli Manganese & Iron Ore Mine, Sandur Taluk, Ballari Dist, Karnataka
Client	M/s. The Sandur Manganese & Iron Ores Limited
Office Address	Sandur, Ballari District, Karnataka
Monitoring Month	February -2026

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Recognised by MoEF&CC Under E(P) Act 1986

&

Accredited by NABL

#948, 2nd Cross, Kammanahalli Main Road,

St Thomas Town Post,

Bangalore- 560 084, Karnataka

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TEST REPORT

Table No.1

AMBIENT AIR QUALITY

Name of the Client : The Sandur Manganese & Iron Ores Limited
Name of the Project : Mining Lease No. 2678
Location : Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Code & Station : A1 - Mine Pit (SK) / (CBG)
Duration : 24 Hrs
Issue date : 02.03.2026
Sampling & Test Methc : IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	Particulate Matter		Carbon Monoxide* (CO), mg/m ³
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	
06.02.2026	N010126021	9	13	55	35	0.43
07.02.2026	N001226022	11	15	49	28	0.33
09.02.2026	N010326022	13	17	38	21	0.24
10.02.2026	N016926022	7	12	58	33	0.54
20.02.2026	N018826023	10	15	44	25	0.30
21.02.2026	N000126024	12	18	51	32	0.36
23.02.2026	N007126024	9	16	40	27	0.48
24.02.2026	N014126024	6	13	56	35	0.52
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	4 1 Hr

Note : * Parameters monitored for period of 1 hr

Archana Kusar
ARCHANA KUSAR
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TEST REPORT

Table No.2

AMBIENT AIR QUALITY

Name of the Client : The Sandur Manganese & Iron Ores Limited
Name of the Project : Mining Lease No. 2678
Location : Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Code & Station : A2 - Kammathuru (within ML Area)
Duration : 24 Hrs
Issue date : 02.03.2026
Sampling & Test Methc.: IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	Particulate Matter		Carbon Monoxide* (CO), mg/m ³
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	
06.02.2026	N010226021	14	19	53	31	0.38
07.02.2026	N001326022	9	13	47	22	0.55
09.02.2026	N010426022	11	15	50	29	0.25
10.02.2026	N017026022	7	11	42	20	0.30
20.02.2026	N018926023	14	19	55	33	0.44
21.02.2026	N000226024	9	13	48	25	0.27
23.02.2026	N007226024	7	11	39	23	0.47
24.02.2026	N014226024	10	15	44	24	0.33
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	4 1 Hr

Note : * Parameters monitored for period of 1 hr

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TEST REPORT

Table No.3

AMBIENT AIR QUALITY

Name of the Client : The Sandur Manganese & Iron Ores Limited
Name of the Project : Mining Lease No. 2678
Location : Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Code & Station : A3 - Deogiri (within ML Area)
Duration : 24 Hrs
Issue date : 02.03.2026
Sampling & Test Methc: IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	Particulate Matter		Carbon Monoxide* (CO), mg/m ³
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	
06.02.2026	N010326021	9	11	38	21	0.28
07.02.2026	N001426022	11	16	51	30	0.55
09.02.2026	N010526022	15	20	56	32	0.48
10.02.2026	N017126022	12	17	58	34	0.33
20.02.2026	N019026023	9	12	49	26	0.42
21.02.2026	N000326024	10	11	37	23	0.27
23.02.2026	N007326024	13	18	52	30	0.38
24.02.2026	N014326024	9	13	43	25	0.44
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	4 1 Hr

Note : * Parameters monitored for period of 1 hr

Arshiya Kousar
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TEST REPORT

Table No.4

AMBIENT AIR QUALITY

Name of the Client : The Sandur Manganese & Iron Ores Limited
Name of the Project : Mining Lease No. 2678
Location : Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Code & Station : A4 - SBH Plot (Mine Boundary)
Duration : 24 Hrs
Issue date : 02.03.2026
Sampling & Test Methc: IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	Particulate Matter		Carbon Monoxide* (CO), mg/m ³
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	
06.02.2026	N010426021	11	16	54	30	0.52
07.02.2026	N001526022	13	18	59	34	0.49
09.02.2026	N010626022	10	14	52	30	0.36
10.02.2026	N017226022	9	12	47	28	0.40
20.02.2026	N019126023	7	10	40	25	0.51
21.02.2026	N000426024	11	14	50	29	0.25
23.02.2026	N007426024	12	18	56	33	0.45
24.02.2026	N014426024	9	13	44	23	0.55
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	4 1 Hr

Note : * Parameters monitored for period of 1 hr

Arshiyakumar
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TEST REPORT

Table No.5

AMBIENT AIR QUALITY

Name of the Client : The Sandur Manganese & Iron Ores Limited						
Name of the Project : Mining Lease No. 2678						
Location : Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.						
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)						
Code & Station : A5 - Subbarayanahalli (within ML Area)						
Duration : 24 Hrs						
Issue date : 02.03.2026						
Sampling & Test Methc: IS 5182 & Lab SOP						
Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	Particulate Matter		Carbon Monoxide* (CO), mg/m ³
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	
06.02.2026	N010526021	6	9	36	21	0.42
07.02.2026	N001626022	9	13	46	25	0.28
09.02.2026	N010726022	11	16	53	28	0.36
10.02.2026	N017326022	13	18	57	30	0.51
20.02.2026	N019226023	8	15	50	28	0.44
21.02.2026	N000526024	10	13	44	23	0.56
23.02.2026	N007526024	7	11	37	21	0.38
24.02.2026	N014526024	10	14	52	28	0.22
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	4 1 Hr
Note : * Parameters monitored for period of 1 hr						

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TEST REPORT

Table No.6

AMBIENT AIR QUALITY

Name of the Client : The Sandur Manganese & Iron Ores Limited
Name of the Project : Mining Lease No. 2678
Location : Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Code & Station : A6 - Appayyanahalli (Narayanpura)
Duration : 24 Hrs
Issue date : 02.03.2026
Sampling & Test Methc : IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	Particulate Matter		Carbon Monoxide* (CO), mg/m ³
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	
06.02.2026	N010626021	12	16	45	25	0.26
07.02.2026	N001726022	10	12	56	32	0.39
09.02.2026	N010826022	9	14	40	22	0.52
10.02.2026	N017426022	12	16	50	23	0.44
20.02.2026	N019326023	8	11	47	24	0.28
21.02.2026	N000626024	11	13	44	22	0.32
23.02.2026	N007626024	10	16	52	28	0.48
24.02.2026	N014626024	9	16	56	30	0.35
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	4 1 Hr

Note : * Parameters monitored for period of 1 hr

Arshiya Kousar
ARSHIYA KOUSAR
Dy TM - Chemical
Govt Analyst/Authorised Signatory

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Recognised by MoEFCC(CPCB) under E(P) Act 1986 Recognition valid upto 23.05.2028

TEST REPORT

Table No.7

AMBIENT AIR QUALITY

Name of the Client : The Sandur Manganese & Iron Ores Limited
Name of the Project : Mining Lease No. 2678
Location : Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Code & Station : A7 - Vitalanagar (Navalatti)
Duration : 24 Hrs
Issue date : 02.03.2026
Sampling & Test Methc: IS.5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	Particulate Matter		Carbon Monoxide* (CO), mg/m ³
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	
06.02.2026	N010726021	13	18	58	32	0.43
07.02.2026	N001826022	11	14	53	29	0.51
09.02.2026	N010926022	10	16	49	24	0.48
10.02.2026	N017526022	11	13	56	27	0.43
20.02.2026	N019426023	12	18	50	26	0.38
21.02.2026	N000726024	14	15	46	22	0.55
23.02.2026	N007726024	10	13	40	21	0.48
24.02.2026	N014726024	12	16	55	28	0.28
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	4 1 Hr

Note : * Parameters monitored for period of 1 hr

Arshiyakojisar
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TEST REPORT

Table No.8

AMBIENT AIR QUALITY

Name of the Client : The Sandur Manganese & Iron Ores Limited
Name of the Project : Mining Lease No. 2678
Location : Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Code & Station : A8 - Swamihalli
Duration : 24 Hrs
Issue date : 02.03.2026
Sampling & Test Methc : IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	Particulate Matter		Carbon Monoxide* (CO), mg/m ³
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	
06.02.2026	N010826021	6	12	50	31	0.44
07.02.2026	N001926022	11	14	53	28	0.27
09.02.2026	N011026022	9	12	46	24	0.52
10.02.2026	N017626022	13	17	41	22	0.48
20.02.2026	N019526023	10	16	37	21	0.22
21.02.2026	N000826024	11	15	55	30	0.31
23.02.2026	N007826024	9	13	49	27	0.42
24.02.2026	N014826024	14	18	52	29	0.26
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	4 1 Hr

Note : * Parameters monitored for period of 1 hr

Arshiy Kousar
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Recognised by MoEFCC(CPCB) under E(P) Act 1986 Recognition valid upto 23.05.2028

TEST REPORT

Table No.9

AMBIENT AIR QUALITY

Name of the Client : The Sandur Manganese & Iron Ores Limited
Name of the Project : Mining Lease No. 2678
Location : Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Code & Station : A9 - Yeswanthanagar
Duration : 24 Hrs
Issue date : 02.03.2026
Sampling & Test Methc : IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	Particulate Matter		Carbon Monoxide* (CO), mg/m ³
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	
06.02.2026	N010926021	10	14	48	25	0.54
07.02.2026	N002026022	14	17	56	32	0.33
09.02.2026	N011126022	12	15	52	27	0.28
10.02.2026	N017726022	10	14	47	25	0.49
20.02.2026	N019626023	13	16	50	30	0.52
21.02.2026	N000926024	11	13	56	32	0.33
23.02.2026	N007926024	12	18	43	25	0.46
24.02.2026	N014926024	10	13	49	28	0.38
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	4 1 Hr

Note : * Parameters monitored for period of 1 hr

Arshiyakousar
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TEST REPORT

Table No.10

AMBIENT AIR QUALITY

Name of the Client : The Sandur Manganese & Iron Ores Limited
Name of the Project : Mining Lease No. 2678
Location : Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Code & Station : A10 - Tonasigeri
Duration : 24 Hrs
Issue date : 02.03.2026

Sampling & Test Methc : IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	Particulate Matter		Carbon Monoxide* (CO), mg/m ³
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	
06.02.2026	N011026021	9	13	53	29	0.22
07.02.2026	N002126022	11	15	48	27	0.53
09.02.2026	N011226022	13	17	55	30	0.24
10.02.2026	N017826022	9	12	50	28	0.48
20.02.2026	N019726023	13	18	46	26	0.33
21.02.2026	N001026024	10	14	53	29	0.37
23.02.2026	N008026024	9	11	40	22	0.25
24.02.2026	N015026024	15	19	55	32	0.31
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	4 1 Hr

Note : * Parameters monitored for period of 1 hr

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TEST REPORT

Table No. 11

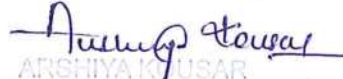
Fugitive Emission

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Project	: Deogiri Manganese & Iron Ore Mine (ML NO. 2678)
Location	: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Duration	: 08 Hrs
Issue Date	: 02.03.2026

Code & Station	Date of sample	Report No	Particulate mater ($\mu\text{g}/\text{m}^3$)
FA1-Mine Face / Benches	20.02.2026	N019826023	375
FA2 - Haulage Road / Service Road	20.02.2026	N019926023	385
FA3 - Crushing & Screening Plant	20.02.2026	N020026023	397
FA4 - Mineral Stack Yard / Loading	21.02.2026	N001126024	355
FA5 - Active Waste Dump	21.02.2026	N001226024	456

Ref : As per CFO in Annexure - II issued KSPCB

Permissible limits for Fugitive Emissions Particulate mater ($\mu\text{g}/\text{m}^3$)
600 $\mu\text{g}/\text{m}^3$


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TEST REPORT

Table No. 12

Fugitive Emission

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Project	: Kammathuru Iron Ore (KTIO) (ML No. 2678)
Location	: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Duration	: 08 Hrs
Issue Date	: 02.03.2026

Code & Station	Date of sample	Report No	Particulate mater ($\mu\text{g}/\text{m}^3$)
FA1-Mine Face / Benches	06.02.2026	N011126021	268
FA2 - Haulage Road / Service Road	06.02.2026	N011226021	456
FA3 - Crushing & Screening Plant	06.02.2026	N011326021	468
FA4 - Mineral Stack Yard / Loading	07.02.2026	N002226022	365
FA5 - Active Waste Dump	07.02.2026	N002326022	389

Ref : As per CFO in Annexure - II issued KSPCB

Permissible limits for Fugitive Emissions	Particulate mater ($\mu\text{g}/\text{m}^3$) 600 $\mu\text{g}/\text{m}^3$
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TEST REPORT

Table No. 13

Fugitive Emission

Name of the Client : The Sandur Manganese & Iron Ores Limited
Name of the Project : Subrayanahalli Manganese & Iron Ore Mine (ML NO. 2678)
Location : Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by : Environmental Laboratory
 (Unit of Mineral Engineering Services LLP)
Duration : 08 Hrs
Issue Date : 02.03.2026


Code & Station	Date of sample	Report No	Particulate mater ($\mu\text{g}/\text{m}^3$)
FA1-Mine Face / Benches	10.02.2026	N016626022	285
FA2 - Haulage Road / Service Road	09.02.2026	N010126022	390
FA3 - Crushing & Screening Plant	09.02.2026	N010226022	425
FA4 - Mineral Stack Yard / Loading	10.02.2026	N016726022	352
FA5 - Active Waste Dump	10.02.2026	N016826022	446

Ref : As per CFO in Annexure - II issued KSPCB

Particulate mater ($\mu\text{g}/\text{m}^3$)

Permissible limits for Fugitive Emissions

600 $\mu\text{g}/\text{m}^3$


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TEST REPORT

Table No. 14

Analysis Report of Dust Fall Measurement

Name of the Client	The Sandur Manganese & Iron Ores Limited
Name of the Project	Mining Lease No. 2678
Location	Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Month	01.02.2026 to 28.02.2026
Sample Type	Dust Fall
Duration of Monitoring	One Month
Issue Date	02.03.2026

Result

Code	Location	Result	unit	Reference Method
DF1	Deogiri mines office	0.138	g/m ² month	IS 5182 (Part 01) : 2006
DF2	Kammathuru (Near School)	0.132	g/m ² month	IS 5182 (Part 01) : 2006
DF3	Appayyanahalli	0.152	g/m ² month	IS 5182 (Part 01) : 2006
DF4	Subbarayanahalli (Near Hospital)	0.109	g/m ² month	IS 5182 (Part 01) : 2006
DF5	Yeswanthanagar (Near Railway Track)	0.135	g/m ² month	IS 5182 (Part 01) : 2006

Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)

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TEST REPORT

Table No. 15

AMBIENT NOISE LEVEL DATA

Report No : ELMES026202

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Project	: Mining Lease No. 2678
Location	: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Particulars of Sample	: Noise levels
Issue Date	: 02.03.2026
Sampling	: IS : 9989 & CPCB Guidelines

Corezone

Code No.	Monitoring stations	Date of monitoring	Day			Night		
			L _{min}	L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}
N1	Mine Pit (SK/CBG)	06.02.2026	40.0	59.9	67.0	34.0	51.8	58.0
N2	Kammathuru ML Area	06.02.2026	38.0	58.7	68.5	38.0	48.1	55.0
N3	Deogiri ML Area	06.02.2026	42.3	63.1	72.0	36.0	48.6	57.3
N4	SBS Plot (Mine Boundary)	07.02.2026	41.5	62.8	72.6	38.0	51.1	56.7
N5	SB Halli ML Area	07.02.2026	44.0	59.3	64.5	35.0	46.3	54.5
N6	Mine area	07.02.2026	40.0	64.9	74.0	37.0	51.4	58.0

Bufferzone

Code No.	Monitoring stations	Date of monitoring	Day			Night		
			L _{min}	L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}
N7	Appayanahalli (Narayanapura)	09.02.2026	38.0	46.9	52.0	34.0	40.2	46.3
N8	Vitthalanagar (Navalatti)	09.02.2026	39.2	50.1	57.2	36.0	40.4	46.0
N9	Swamihalli	09.02.2026	36.0	47.6	54.2	33.5	39.7	44.0
N10	Yeshwanthnagar	10.02.2026	41.0	51.5	56.2	34.7	42.8	47.0
N11	Tonasingeri	10.02.2026	37.0	50.2	56.2	36.0	39.9	46.2
N12	Kumaraswamy Temple	10.02.2026	38.0	50.8	57.8	34.0	39.1	46.0

Permissible Limits of Ambient Noise Levels as per CPCB Guidelines

	Leq. Limit dB(A)	
	Day	Night
Industrial areas	75	70
Commercial area	65	55
Residential area	55	45

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TEST REPORT

Table No. 16

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Project	: Mining Lease No. 2678
Location	: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Nature of Sample	: STP Water
Sample Location	: STP1, Inlet Water sample from 100 KLD STP, Deogiri
Date of sample collection	: 09.02.2026
Date of sample receipt	: 10.02.2026
Report No	: M002326022
Issue Date	: 02.03.2026

Ref: G S R 1265 (e) and CPCB Standards

Sl.No.	Sample Code	STP1	Results	Method of Testing
	Parameters	Unit		
1	pH	-	7.39	IS 3025 (P-11) 2022
2	Biochemical Oxygen Demand BOD ₅ 27 ^o C	mg/l	66	IS 3025 (Part 44) 2023
3	Chemical Oxygen Demand (COD)	mg/l	210	IS 3025 (Part 58) 2023
4	Total Suspended Solids, at 105 ^o C	mg/l	360	IS 3025 (P-17) 2022
5	Ammonium (H4-N)	mg/l	1.8	IS:3025 (Part-34 Sec 1) 2023
6	Total Nitrogen (N-Total)	mg/l	16	IS 3025 (Part-34 sec 1) 2023
7	Fecal coliform	MPN/100ml	180	APHA 24 th Edition chapter 9221 E

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TEST REPORT

Table No. 17

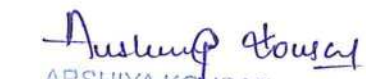
Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Project	: Mining Lease No. 2678
Location	: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Nature of Sample	: STP Water
Sample Location	: STP2, Outlet Water sample from 100 KLD STP, Deogiri
Date of sample collection	: 09.02.2026
Date of sample receipt	: 10.02.2026
Report No	: M002426022
Issue Date	: 02.03.2026

Ref: G S R 1265 (e) and CPCB Standards

Sl.No.	Parameters	units	Results	Sewage Effluent Discharge Standards	Method of Testing
1	pH	-	7.43	6.5 - 9.0	IS 3025 (P-11) 2022
2	Biochemical Oxygen Demand BOD ₅ 27 ^o C	mg/l	4.8	<10	IS 3025 (Part 44) 2023
3	Chemical Oxygen Demand (COD)	mg/l	36	<50	IS 3025 (Part 58) 2023
4	Total Suspended Solids, at 105 ^o C	mg/l	18	<20	IS 3025 (P-17) 2022
5	Ammonium (H4-N)	mg/l	2	<5	IS:3025 (Part-34 Sec 1) 2023
6	Total Nitrogen (N-Total)	mg/l	1.8	<10	IS 3025 (Part-34 sec 1) 2023
7	Fecal coliform	MPN/100ml	26	<100	APHA 24 th Edition chapter 9221 E


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TEST REPORT


Table No. 18

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Project	: Mining Lease No. 2678
Location	: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Nature of sample	: Surface water
Sample Location	: SW1 - Durgammakolla spring water, SW2 - JLK spring water SW3 - Katrasinghkolla spring water
Issue Date	: 02.03.2026
Ref : IS : 2296, Water Quality Standards	

Date of sample collection		09.02.2026	09.02.2026	09.02.2026	Limits	Method of Testing
Date of sample receipt		10.02.2026	10.02.2026	10.02.2026		
Report No		M001126022	M001226022	M001326022		
Sl.No.	Sample Code	SW1	SW2	SW3		
	Parameters	Results				
1	pH	8.02	7.07	7.93	6.5 to 8.5	IS:3025(Part-11)2022
2	Colour (Hazen Units)	1	1	1	300	IS 3025 (Part 11) 2022
3	Odour	Agreeable	Agreeable	Agreeable	-	IS:3025 (P-5) 2018
4	Total Dissolved Solids (mg/l)	286	130	124	1500	IS 3025 (Part 16) 2023
5	Total Suspended Solids, mg/l	18	7	6.5	-	IS 3025 (Part 17) 2023
6	Dissolved Oxygen (as O ₂), mg/l	5.5	5.8	5.6	Min 4	IS:3025(Part-38)1989RA 2019
7	Biochemical Oxygen Demand (as O ₂), mg/l	<3.0	<3.0	<3.0	3	IS 3025 (Part 44) 2023
8	Total Hardness (as CaCO ₃),mg/l	240	110	100	-	IS:3025 (P-21):2009 RA 2023
9	Sulphates as SO ₄ (mg/l)	18.0	7.0	6.5	400	APHA (24th Edition):4110B
10	Phosphates (as P), mg/l	<0.05	<0.05	<0.05	-	IS 3025 (P-31) Sec 1 2022
11	Chloride (as Cl),mg/l	30.0	38.0	50.0	600	IS:3025(Part-32) 1988RA2019
12	Fluoride (as F),mg/l	0.36	0.3	0.26	0.38	IS 3025 (Part 60-Sec1) 2023
13	Sulphide (as H ₂ S) , mg/l	<0.01	<0.01	<0.01	-	IS:3025 (P-29) 2022
14	Boron (as B), mg/l	<0.1	<0.1	<0.1	-	IS:3025 (Part-57) 2021
15	Iron (as Fe),mg/l	<0.005	<0.005	<0.005	50	IS 3025 (Part 65) 2022
16	Percent of Sodium (%)	24.32	20.22	21.35	-	IS 11624 .2009
17	Residual Sodium Carbonate (meq/l)	<0.5	<0.5	<0.5	-	IS 11624 .2009
18	Total Coliform, MPN/100ml	80	63	78	5000	IS 15185 2016 RA 2021

"END OF REPORT"


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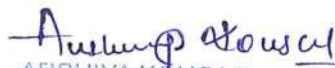
TEST REPORT

Table No.19

Name of the Client		: The Sandur Manganese & Iron Ores Limited			
Name of the Project		: Mining Lease No. 2678			
Location		: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.			
Sample Collected by		: Environmental Laboratory (Unit of Mineral Engineering Services LLP)			
Nature of sample		: Surface water			
Sample Location		: SW4 - Hari Shankar Spring Water, SW5 - Narihalla Dam water			
Issue Date		: 02.03.2026			
Ref : IS : 2296, Water Quality Standards					
Date of sample collection		05.02.2026	05.02.2026	Limits	Method of Testing
Date of sample receipt		06.02.2026	06.02.2026		
Report No		M001126021	M001226021	Limits	Method of Testing
Sl.No.	Sample Code	SW4	SW5		
	Parameters	Results			
1	pH	6.74	8.38	6.5 to 8.5	IS:3025(Part-11)2022
2	Colour (Hazen Units)	1.0	10.0	300	IS 3025 (Part 11) 2022
3	Odour	Agreeable	Agreeable	-	IS:3025 (P-5) 2018
4	Total Dissolved Solids (mg/l)	58.0	450.0	1500	IS 3025 (Part 16) 2023
5	Total Suspended Solids, mg/l	18	32	-	IS 3025 (Part 17) 2023
6	Dissolved Oxygen (as O ₂), mg/l	5.80	5.70	Min 4	IS:3025(Part-38)1989RA 2019
7	Biochemical Oxygen Demand (as O ₂), mg/l	<3.0	<3.0	3	IS 3025 (Part 44) 2023
8	Total Hardness (as CaCO ₃),mg/l	60.0	180	-	IS:3025 (P-21):2009 RA 2023
9	Sulphates as SO ₄ (mg/l)	5.0	92.0	400	APHA (24th Edition):4110B
10	Phosphates (as P), mg/l	<0.05	<0.05	-	IS 3025 (P-31) Sec 1 2022 1976
11	Chloride (as Cl),mg/l	27.0	140	600	IS:3025(Part-32) 1988RA2019
12	Fluoride (as F),mg/l	0.32	0.50	1.5	IS 3025 (Part 60-Sec1) 2023
13	Sulphide (as H ₂ S), mg/l	<0.01	<0.01	-	IS:3025 (P-29) 2022
14	Boron (as B), mg/l	<0.1	<0.1	-	IS:3025 (Part-57) 2021
15	Iron (as Fe),mg/l	<0.005	<0.005	50	IS 3025 (Part 65) 2022
16	Percent of Sodium (%)	20.1	25.3	-	IS 2488 part 5
17	Residual Sodium Carbonate (meq/l)	<0.5	<0.5	-	IS 11624 .2009
18	Total Coliform, MPN/100ml	42	56	5000	IS 15185 2016 RA 2021

"END OF REPORT"


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TEST REPORT

Table No. 20

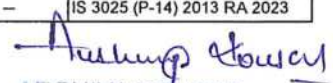
Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Project	: Mining Lease No. 2678
Location	: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Nature of sample	: Ground water
Sample Location	: GW1 - Deogiri Mine Office Bore water, GW2 - Borewell near Kumarswamy temple, GW3 - Appayyanahalli (Narayanpura) Bore water
Date of sample collection	: 09.02.2026
Date of sample receipt	: 10.02.2026
Issue Date	: 02.03.2026
Ref :	IS:10500-2012 Norms Amendment - 4 (Drinking Water Standards)

Sl. No.	Sample Code Parameters	Report No	M001426022	M001526022	M001626022	Desirable Limits	Permissible Limits	Method of Testing
		GW1	GW2	GW3				
1	Colour (Hazen Units)	<1	1	1	5	15	IS:3025 (P-4) 2021	
2	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	IS:3025 (P-5) 2018	
3	pH Value	6.97	7.46	8.14	6.5 to 8.5	6.5 - 8.5	IS:3025 (P-11)2022	
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	IS:3025 (P- 8) 2023	
5	Turbidity,NTU	0.80	1.40	1.60	1	5	IS:3025 (P-10) 2023	
6	Total Dissolved Solids,mg/l	98.0	178.0	970.0	500	2000	IS:3025 (P-16) 2023	
7	Aluminium (as Al)	<0.005	<0.005	<0.005	0.03	0.2	IS:3025 (P-55) 2022	
8	Ammonia (as total Ammonia -N),mg/l	<0.1	<0.1	<0.1	0.5	0.5	IS:3025 (P-34)1 Sec 1 2023	
9	Anionic Detergents (as MBAS),mg/l	<0.1	<0.1	<0.1	0.2	1.0	IS:3025 (P-68) 2023	
10	Barium (as Ba), mg/l	<0.005	<0.005	<0.005	0.7	0.7	IS:3025(P-65) 2022	
11	Boron (as B), mg/l	<0.1	<0.1	<0.1	0.5	2.4	IS:3025 (Part-57) 2021	
12	Calcium (as Ca),mg/l	12.00	31.20	164.30	75	200	IS:3025 (P-40) 2021	
13	Chloramines as C12	<0.1	<0.1	<0.1	4	4	Clause 6 of IS 3025 (P-26) 2021	
14	Chloride as Cl (mg/l)	15.00	50.00	190.00	250	1000	IS:3025 (P-32)1988 RA 2019	
15	Copper (as Cu),mg/l	<0.0005	<0.0005	<0.0005	0.05	1.5	IS:3025 (P-65) 2022	
16	Fluoride (as F),mg/l	0.26	0.35	0.95	1	1.5	IS:3025 (P-60) Sec 2022	
17	Residual, Free Chlorine,mg/l	<0.1	<0.1	<0.1	0.2	1	IS:3025 (P-26) 2021	
18	Iron (as Fe),mg/l	<0.005	<0.005	<0.005	1.0	1.0	IS:3025 (Part-65) 2022	
19	Magnesium (as Mg)mg/l	3.40	14.60	70.40	30	100	IS:3025 (P-46)1 2023	
20	Manganese (as Mn),mg/l	<0.001	<0.001	<0.001	0.1	0.3	IS:3025 (P-65) 2022	
21	Mineral Oil,mg/l	<0.5	<0.5	<0.5	1.0	1.0	IS:3025 (P-39) 2021	
22	Nitrates (as NO ₃),mg/l	4.80	9.40	41.50	45	45	IS:3025 (P-34) 1988 RA 2019	
23	Phenolics (as C ₆ H ₅ OH),mg/l	<0.001	<0.001	<0.001	0.001	0.002	IS:3025 (P-43) Sec 1 2023	
24	Selenium (as Se),mg/l	<0.0005	<0.0005	<0.0005	0.01	0.01	IS:3025(P-65) 2022	
25	Silver (as Ag), mg/l	<0.005	<0.005	<0.005	0.1	0.1	IS:3025(P-65) 2022	
26	Sulphate (as SO ₄),mg/l	10.50	12.70	98.00	200	400	IS:3025 (P-24) Sec 1 2022	
27	Sulphide (as H ₂ S) , mg/l	<0.01	<0.01	<0.01	0.05	0.05	IS:3025 (P-29) 2022	
28	Total Alkalinity (as CaCO ₃) mg/l	48.0	90.0	530.0	200	600	IS:3025 (P-23):2023	
29	Total Hardness (as CaCO ₃),mg/l	44.0	138.0	700.0	200	600	IS:3025 (P-21):2009 RA 2023	
30	Zinc (as Zn),mg/l	<0.005	<0.005	<0.005	5	15	IS:3025 (P-65) 2022	
31	Cadmium (as Cd),mg/l	<0.0005	<0.0005	<0.0005	0.003	0.003	IS:3025 (P-65) 2022	
32	Cyanide (as CN),mg/l	<0.01	<0.01	<0.01	0.05	0.05	IS:3025 (P-27)Sec 1 2021	
33	Lead (as Pb),mg/l	<0.0005	<0.0005	<0.0005	0.01	0.01	IS:3025 (P-65) 2022	
34	Mercury (as Hg),mg/l	<0.0005	<0.0005	<0.0005	0.001	0.001	IS:3025 (P-65) 2022	
35	Molybdenum (as Mo), mg/l	<0.0005	<0.0005	<0.0005	0.07	0.07	IS:3025 (P-65) 2022	
36	Nickel (as Ni),mg/l	<0.01	<0.01	<0.01	0.02	0.02	IS:3025 (P-65) 2022	
37	Arsenic (as As),mg/l	<0.0005	<0.0005	<0.0005	0.01	0.01	IS:3025 (P-65) 2022	
38	Total Chromium (as Cr),mg/l	<0.001	<0.001	<0.001	0.05	0.05	IS:3025 (P-65) 2022	
39	Escherichia coli/100ml	Not Detected	Not Detected	Not Detected	Shall not be detectable in any 100ml Sample		IS:15185:2016 RA 2021	
40	Total Coliform /100ml)	Not Detected	Not Detected	Not Detected			IS:15185:2016 RA 2021	
41	Electrical Conductivity (µmhos/cm)	180.0	330.0	1700.0	-	-	IS 3025 (P-14) 2013 RA 2023	

"END OF REPORT"


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TEST REPORT

Table No. 21

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Project	: Mining Lease No. 2678
Location	: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Nature of sample	: Ground water
Sample Location	: GW4 - SB Halli Bore water (near hospital), GW5 - Yeshwanthnagar Bore water (near railway track)
Date of sample collection	: 09.02.2026
Date of sample receipt	: 10.02.2026
Issue Date	: 02.03.2026

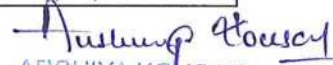
Ref : IS:10500-2012 Norms Amendment - 4 (Drinking Water Standards)

Sl. No.	Report No	Sample Code		Desirable Limts	Permissible Limts	Method of Testing
		M001726022	M001826022			
Parameters		GW4	GW5	Results		
1	Colour (Hazen Units)	1	1	5	15	IS:3025 (P-4) 2021
2	Odour	Agreeable	Agreeable	Agreeable	Agreeable	IS:3025 (P-5) 2018
3	pH Value	6.53	7.94	6.5 to 8.5	6.5 - 8.5	IS:3025 (P-11)2022
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable	IS:3025 (P- 8) 2023
5	Turbidity,NTU	1.50	1.00	1	5	IS:3025 (P-10) 2023
6	Total Dissolved Solids,mg/l	216.0	1218.0	500	2000	IS:3025 (P-16) 2023
7	Aluminium (as Al)	<0.005	<0.005	0.03	0.2	IS:3025 (P-55) 2022
8	Ammonia (as total Ammonia -N),mg/l	<0.1	<0.1	0.5	0.5	IS:3025 (P-34)1 Sec 1 2023
9	Anionic Detergents (as MBAS),mg/l	<0.1	<0.1	0.2	1.0	IS:3025 (P-68) 2023
10	Barium (as Ba), mg/l	<0.005	<0.005	0.7	0.7	IS:3025(P-65) 2022
11	Boron (as B), mg/l	<0.1	<0.1	0.5	2.4	IS:3025 (Part-57) 2021
12	Calcium (as Ca),mg/l	22.40	208.40	75	200	IS:3025 (P-40) 2021
13	Chloramines as C12	<0.1	<0.1	4	4	Clause 6 of IS 3025 (P-26) 2021
14	Chloride as Cl (mg/l)	44.00	400.00	250	1000	IS:3025 (P-32)1988 RA 2019
15	Copper (as Cu),mg/l	<0.0005	<0.0005	0.05	1.5	IS:3025 (P-65) 2022
16	Fluoride (as F),mg/l	0.24	0.87	1	1.5	IS:3025 (P-60) Sec 2022
17	Residual, Free Chlorine,mg/l	<0.1	<0.1	0.2	1	IS:3025 (P-26) 2021
18	Iron (as Fe),mg/l	<0.005	<0.005	1.0	1.0	IS:3025 (Part-65) 2022
19	Magnesium (as Mg),mg/l	17.00	97.20	30	100	IS:3025 (P-46)1 2023
20	Manganese (as Mn),mg/l	<0.001	<0.001	0.1	0.3	IS:3025 (P-65) 2022
21	Mineral Oil,mg/l	<0.5	<0.5	1.0	1.0	IS:3025 (P-39) 2021
22	Nitrates (as NO ₃),mg/l	10.50	39.70	45	45	IS:3025 (P-34) 1988 RA 2019
23	Phenolics (as C ₆ H ₅ OH),mg/l	<0.001	<0.001	0.001	0.002	IS:3025 (P-43) Sec 1 2023
24	Selenium (as Se),mg/l	<0.0005	<0.0005	0.01	0.01	IS:3025(P-65) 2022
25	Silver (as Ag), mg/l	<0.005	<0.005	0.1	0.1	IS:3025(P-65) 2022
26	Sulphate (as SO ₄),mg/l	24.00	70.00	200	400	IS:3025 (P-24) Sec 1 2022
27	Sulphide (as H ₂ S) , mg/l	<0.01	<0.01	0.05	0.05	IS:3025 (P-29) 2022
28	Total Alkalinity (as CaCO ₃) mg/l	110.0	440.0	200	600	IS:3025 (P-23):2023
29	Total Hardness (as CaCO ₃),mg/l	126.0	920.0	200	600	IS:3025 (P-21):2009 RA 2023
30	Zinc (as Zn),mg/l	<0.005	<0.005	5	15	IS:3025 (P-65) 2022
31	Cadmium (as Cd),mg/l	<0.0005	<0.0005	0.003	0.003	IS:3025 (P-65) 2022
32	Cyanide (as CN),mg/l	<0.01	<0.01	0.05	0.05	IS:3025 (P-27)Sec 1 2021
33	Lead (as Pb),mg/l	<0.0005	<0.0005	0.01	0.01	IS:3025 (P-65) 2022
34	Mercury (as Hg),mg/l	<0.0005	<0.0005	0.001	0.001	IS:3025 (P-65) 2022
35	Molybdenum (as Mo), mg/l	<0.0005	<0.0005	0.07	0.07	IS:3025 (P-65) 2022
36	Nickel (as Ni),mg/l	<0.01	<0.01	0.02	0.02	IS:3025 (P-65) 2022
37	Arsenic (as As),mg/l	<0.0005	<0.0005	0.01	0.01	IS:3025 (P-65) 2022
38	Total Chromium (as Cr),mg/l	<0.001	<0.001	0.05	0.05	IS:3025 (P-65) 2022
39	Escherichia coli/100ml	Not Detected	Not Detected	Shall not be detectable in any 100ml Sample		IS:15185:2016 RA 2021
40	Total Coliform /100ml)	Not Detected	Not Detected			IS:15185:2016 RA 2021
41	Electrical Conductivity (µmhos/cm)	400.0	2100.0	--	--	IS 3025 (P-14) 2013 RA 2023

"END OF REPORT"


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TEST REPORT

Table No. 22

Name of the Client		: The Sandur Manganese & Iron Ores Limited				
Name of the Project		: Mining Lease No. 2678				
Location		: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.				
Sample Collected by		: Environmental Laboratory (Unit of Mineral Engineering Services LLP)				
Nature of sample		: Drinking water				
Sample Location		: DW1 - Drinking Water Deogiri Near Office : DW2 - Drinking Water Subbarayanahalli Near Office				
Issue Date		: 02.03.2026				
Ref : IS:10500-2012 Norms Amendment - 4 (Drinking Water Standards)						
Date of sample collection		09.02.2026	09.02.2026	Desirable Limits	Permissible Limits	Method of Testing
Date of sample receipt		10.02.2026	10.02.2026			
Report No		M001926022	M002026022	Results		
Sl. No.	Sample Code	DW1	DW2			
	Parameters	Results				
1	Colour (Hazen Units)	<1	1	5	15	IS:3025 (P-4) 2021
2	Odour	Agreeable	Agreeable	Agreeable	Agreeable	IS:3025 (P-5) 2018
3	pH Value	7.05	7.08	6.5 to 8.5	6.5 - 8.5	IS:3025 (P-11)2022
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable	IS:3025 (P- 8) 2023
5	Turbidity,NTU	<0.1	<0.1	1	5	IS:3025 (P-10) 2023
6	Total Dissolved Solids,mg/l	102.0	210.0	500	2000	IS:3025 (P-16) 2023
7	Calcium (as Ca),mg/l	12.00	32.00	75	200	IS:3025 (P-40) 2021
8	Chloride as Cl (mg/l)	24.00	50.00	250	1000	IS:3025 (P-32)1988 RA 2019
9	Fluoride (as F),mg/l	<0.1	<0.1	1	1.5	IS:3025 (P-60) Sec1 2022
10	Iron (as Fe),mg/l	<0.005	<0.005	1.0	1.0	IS:3025 (Part-2) 2022
11	Magnesium (as Mg)mg/l	5.93	13.60	30	100	IS:3025 (P-46) 2023
12	Nitrates (as NO ₃),mg/l	1.50	8.00	45	45	IS:3025 (P-34) Sec 1 2023
13	Sulphate (as SO ₄),mg/l	4.00	28.00	200	400	IS:3025 (P-24) Sec 1 2022
14	Total Alkalinity (as CaCO ₃) mg/l	64.0	104.00	200	600	IS:3025 (P-23):2023
15	Total Hardness (as CaCO ₃),mg/l	54.0	136.0	200	600	IS:3025 (P-21):2009 RA 2019
16	Electrical Conductivity (µmhos/cm)	190.0	390.0	--	--	IS 3025 (P-14) : 2013RA 2023
17	Escherichia coli/100ml	Not Detected	Not Detected	Shall not be detectable in any 100ml Sample		IS:15185:2016 RA 2021
18	Total Coliform /100ml)	Not Detected	Not Detected			IS:15185:2016 RA 2021

"END OF REPORT"


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TEST REPORT

Table No. 23

Name of the Client		: The Sandur Manganese & Iron Ores Limited				
Name of the Project		: Mining Lease No. 2678				
Location		: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.				
Sample Collected by		: Environmental Laboratory (Unit of Mineral Engineering Services LLP)				
Nature of sample		: Drinking water				
Sample Location		: W1 - GSIWTP 150 KLD In let water Deogiri : W2 - GSIWTP 150 KLD Out let water Deogiri				
Issue Date		: 02.03.2026				
Ref : IS:10500-2012 Norms Amendment - 4 (Drinking Water Standards)						
Date of sample collection		09.02.2026	09.02.2026	Desirable Limts	Permissible Limts	Method of Testing
Date of sample receipt		10.02.2026	10.02.2026			
Report No		M002126022	M002226022			
Sl. No.	Sample Code	DW1	DW2			
	Parameters	Results				
1	Colour (Hazen Units)	1	1	5	15	IS:3025 (P-4) 2021
2	Odour	Agreeable	Agreeable	Agreeable	Agreeable	IS:3025 (P-5) 2018
3	pH Value	6.75	7.05	6.5 to 8.5	6.5 - 8.5	IS:3025 (P-11)2022
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable	IS:3025 (P- 8) 2023
5	Turbidity,NTU	3.5	2.8	1	5	IS:3025 (P-10) 2023
6	Total Dissolved Solids,mg/l	52.0	70.0	500	2000	IS:3025 (P-16) 2023
7	Calcium (as Ca),mg/l	5.61	10.40	75	200	IS:3025 (P-40) 2021
8	Chloride as Cl (mg/l)	20.00	15.00	250	1000	IS:3025 (P-32)1988 RA 2019
9	Fluoride (as F),mg/l	<0.1	<0.1	1	1.5	IS:3025 (P-60) Sec1 2022
10	Iron (as Fe),mg/l	<0.005	<0.005	1.0	1.0	IS:3025 (Part-2) 2022
11	Magnesium (as Mg)mg/l	2.43	4.37	30	100	IS:3025 (P-46) 2023
12	Nitrates (as NO ₃),mg/l	3.30	2.40	45	45	IS:3025 (P-34) Sec 1 2023
13	Sulphate (as SO ₄),mg/l	1.50	3.60	200	400	IS:3025 (P-24) Sec 1 2022
14	Total Alkalinity (as CaCO ₃) mg/l	20.0	46.00	200	600	IS:3025 (P-23):2023
15	Total Hardness (as CaCO ₃),mg/l	24.0	44.0	200	600	IS:3025 (P-21):2009 RA 2019
16	Electrical Conductivity (µmhos/cm)	95.0	130.0	200	--	IS 3025 (P-14) : 2013RA 2023
17	Escherichia coli/100ml	Not Detected	Not Detected	Shall not be detectable in any 100ml Sample		IS:15185:2016 RA 2021
18	Total Coliform /100ml)	Not Detected	Not Detected			IS:15185:2016 RA 2021

"END OF REPORT"


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TEST REPORT

Table No. 24

Name of the Client		: The Sandur Manganese & Iron Ores Limited					
Name of the Project		: Mining Lease No. 2678					
Location		: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.					
Sample Collected by		: Environmental Laboratory (Unit of Mineral Engineering Services LLP)					
Nature of Samples		: Soil Samples					
Date of sample collection		: 09.02.2026					
Date of sample receipt		: 10.02.2026					
Issue Date		: 02.03.2026					
Report No		M002726022	M002826022	M002926022	M003026022	M003126022	
SL. No.	Sample Code	S1	S2	S3	S4	S5	
	Parameters	Unit					
Results							
Physical Properties							
1	Colour	–	Red Soil	Red Soil	Red Soil	Red Soil	
2	Textural class	–	Clay Loam	Sandy Loam	Clay Loam	Clay Loam	
3	Size Distribution						
	Sand	%	30.92	33.82	30.45	32.11	34.88
	Clay	%	26.77	28.22	30.38	30.12	26.88
	Silt	%	42.31	37.96	39.17	37.77	38.24
4	Moisture Content	%	8.99	7.92	8.33	7.99	7.66
5	Bulk Density	gm/cc	1.82	1.72	1.66	1.26	1.8
6	Water holding capacity	%	26.32	31.44	24.22	28.24	24.22
7	pH	–	6.82	7.22	6.95	7.42	6.94
8	EC	m.mohs/cm	0.182	0.242	0.354	0.265	0.245
Chemical Properties							
9	Organic Carbon	%	0.62	0.58	0.55	0.67	0.80
10	Nitrogen as N	Kg/Ha	340	290	322	320	340
11	Phosphorous as P	Kg/Ha	9.88	10.42	9.88	1027	9.62
12	Potassium as K ₂ O	Kg/Ha	118	115	110	118	116
13	Sodium as Na	mg/kg	26	28	29	36	24
14	Chloride as Cl	mg/kg	113	110	110	124	112
15	Sulphate as SO ₄	mg/kg	29	30	34	32	24
Sample Location							
S1 - Top soil (Kammathuru)							
S2 - Top soil (Deogiri)							
S3 - Top soil (SB Halli)							
S4 - Active Dump (Deogiri)							
S5 - Active Dump (SB Halli)							

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TEST REPORT

Table No. 25

Name of the Client		: The Sandur Manganese & Iron Ores Limited					
Name of the Project		: Mining Lease No. 2678					
Location		: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.					
Sample Collected by		: Environmental Laboratory (Unit of Mineral Engineering Services LLP)					
Nature of Samples		: Soil Samples					
Date of sample collection		: 09.02.2026					
Date of sample receipt		: 10.02.2026					
Issue Date		: 02.03.2026					
Report No		M003226022	M003326022	M003426022	M003526022	M003626022	
SL. No.	Sample Code	S6	S7	S8	S9	S10	
	PARAMETERS	Unit					
		Results					
Physical Properties							
1	Colour	--	Red Soil	Red Soil	Red Soil	Red soil	
2	Textural class	--	Clay Loam	Clay Loam	Silty Clay	Clay Loam	
3	Size Distribution						
	Sand	%	31.69	32.11	33.99	32.22	34.88
	Clay	%	29.10	28.44	27.88	28.22	30.21
	Silt	%	39.21	39.45	38.13	39.56	34.91
4	Moisture Content	%	7.22	7.88	7.22	6.82	7.21
5	Bulk Density	gm/cc	1.72	1.95	1.66	1.66	1.89
6	Water holding capacity	%	30.24	28.42	26.77	28.54	36.22
7	pH	--	7.42	7.33	6.88	6.94	7.82
8	EC	m.mohs/cm	0.358	0.345	0.386	0.342	0.286
Chemical Properties							
9	Organic Carbon	%	0.62	0.52	0.63	0.58	0.52
10	Nitrogen as N	Kg/Ha	290	330	326	290	330
11	Phosphorous as P	Kg/Ha	10.33	10.32	1138	9.68	10.32
12	Potassium as K ₂ O	Kg/Ha	116	122	115	120	117
13	Sodium as Na	mg/kg	36	29	32	28	32
14	Chloride as Cl	mg/kg	28	29	30	25	28
15	Sulphate as SO ₄	mg/kg	28	33	32	26	34
Sample Location							
S6 - Appayyanahalli agriculture land							
S7 - Vitthalanagar agriculture land							
S8 - Swamihalli agriculture land							
S9 - Tonasigere agriculture land							
S10 - Yeshwanthnagar agriculture land							

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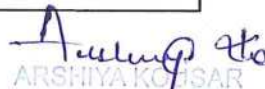
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TEST REPORT

Table No. 26

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited			
Name of the Mine	: Subrayanahalli Manganese & Iron Ore Mine (ML NO. 2678)			
Location	: KVH Iron Ore Mines			
Stack ID & Capacity	: DG 1010 KVA (808 KW)			
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)			
Instrument used for sampling	: Emissions collected through stack sampler			
Date of Collection	: 06.02.2026			
Date of Sample Receipt	: 07.02.2026			
Report No.	: N000126022			
Issue date	: 02.03.2026			
STACK DETAILS				
1	Fuel Used	Diesel		
2	Ambient Temperature (°C)	28		
3	Stack Temperature (°C)	192		
4	Velocity (m/s)	13.7		
5	Stack diameter (M)	0.30		
6	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	3134		
7	Sample Condition When Received	Satisfactory		
8	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1		
9	Serial No. of the Equipment	338 DTH 14		
10	Calibration due date	17.07.2026		
11	Test Method	IS 11255 & flue gas analyser		
Pollutional Parameters (Result)				
Sl.No	Parameters	Unit	Results	Standard
1	NOx (as NO ₂) (as 15% O ₂), dry basis	ppmv	29.21	360
2	NMHC (as C) (at 15 % O ₂)	mg/Nm ³	58.00	100
3	PM (as C) (at 15 % O ₂)	mg/Nm ³	57.00	75
4	CO (at 15 % O ₂)	(mg/Nm ³	62.00	150


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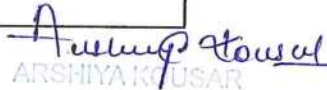
TEST REPORT

Table No. 27

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited			
Name of the Mine	: Deogiri Manganese & Iron Ore Mine (ML NO. 2678)			
Location	: Deogiri - Work Shop			
Stack ID & Capacity	: DG Set 160 KVA Doosan Light Source			
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)			
Instrument used for sampling	: Emissions collected through stack sampler			
Date of Collection	: 06.02.2026			
Date of Sample Receipt	: 07.02.2026			
Report No	: N000226022			
Issue date	: 02.03.2026			
STACK DETAILS				
1	Fuel Used	Diesel		
2	Ambient Temperature (°C)	28		
3	Stack Temperature (°C)	145		
4	Velocity (m/s)	7.89		
5	Stack diameter (M)	0.15		
6	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	346		
7	Sample Condition When Received	Satisfactory		
8	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1		
9	Serial No. of the Equipment	86 BTF 12		
10	Calibration due date	17.07.2026		
11	Test Method	IS 11255 & flue gas analyser		
Pollutional Parameters (Result)				
Sl.No	Parameters	Unit	Results	Standard
1	Particulate Matter	g/Kw-hr	0.114	<0.2
2	CO	g/Kw-hr	0.119	<3.5
3	Nox +HC	g/Kw-hr	0.263	<4.0

INFERENCE	as per KSPCB Report Status - The measured values for the above parameters for those standards have been specified were observed to be within the said standards
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TEST REPORT

Table No. 28

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited			
Name of the Mine	: Deogiri Manganese & Iron Ore Mine (ML NO. 2678)			
Location	: RMK Pump House			
Stack ID & Capacity	: DG Set 50 KVA water Pumping			
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)			
Instrument used for sampling	: Emissions collected through stack sampler			
Date of Collection	: 06.02.2026			
Date of Sample Receipt	: 07.02.2026			
Report No	: N000326022			
Issue date	: 02.03.2026			
STACK DETAILS				
1	Fuel Used	Diesel		
2	Ambient Temperature (°C)	27		
3	Stack Temperature (°C)	160		
4	Velocity (m/s)	8.09		
5	Stack diameter (M)	0.15		
6	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	342		
7	Sample Condition When Received	Satisfactory		
8	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1		
9	Serial No. of the Equipment	338 DTH 14		
10	Calibration due date	17.07.2026		
11	Test Method	IS 11255 & flue gas analyser		
Pollutional Parameters (Result)				
Sl.No	Parameters	Unit	Results	Standard
1	Particulate Matter	g/Kw-hr	0.106	<0.2
2	CO	g/Kw-hr	0.356	<3.5
3	Nox +HC	g/Kw-hr	0.903	<4.0

INFERENCE	as per KSPCB
	Report Status - The measured values for the above parameters for those standards have been specified were observed to be within the said standards

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TEST REPORT

Table No. 29

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Mine	: Deogiri Manganese & Iron Ore Mine (ML NO. 2678)
Location	: CBG Weigh Bridge
Stack ID & Capacity	: DG Set 20 KVA Doosan Light Source
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Instrument used for sampling	: Emissions collected through stack sampler
Date of Collection	: 07.02.2026
Date of Sample Receipt	: 09.02.2026
Report No	: N000426022
Issue date	: 02.03.2026

STACK DETAILS

1	Fuel Used	Diesel
2	Ambient Temperature (°C)	28
3	Stack Temperature (°C)	128
4	Velocity (m/s)	8.07
5	Stack diameter (M)	0.15
6	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	372
7	Sample Condition When Received	Satisfactory
8	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1
9	Serial No. of the Equipment	86 BTF 12
10	Calibration due date	17.07.2026
11	Test Method	IS 11255 & flue gas analyser

Pollutional Parameters (Result)

Sl.No	Parameters	Unit	Results	Standard
1	Particulate Matter	g/Kw-hr	0.111	<0.2
2	CO	g/Kw-hr	0.409	<3.5
3	Nox +HC	g/Kw-hr	1.266	<4.0

INFERENCE	as per KSPCB Report Status - The measured values for the above parameters for those standards have been specified were observed to be within the said standards
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TEST REPORT

Table No.30

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Mine	: Deogiri Manganese & Iron Ore Mine (ML NO. 2678)
Location	: BMM Plot
Stack ID & Capacity	: DG Set 100 KVA Doosan Light Source
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Instrument used for sampling	: Emissions collected through stack sampler
Date of Collection	: 07.02.2026
Date of Sample Receipt	: 09.02.2026
Report No	: N000526022
Issue date	: 02.03.2026

STACK DETAILS

1	Fuel Used	Diesel
2	Ambient Temperature (°C)	26
3	Stack Temperature (°C)	130
4	Velocity (m/s)	12.55
5	Stack diameter (M)	0.15
6	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	571
7	Sample Condition When Received	Satisfactory
8	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1
9	Serial No. of the Equipment	338 DTH 14
10	Calibration due date	17.07.2026
11	Test Method	IS 11255 & flue gas analyser

Pollutional Parameters (Result)

Sl.No	Parameters	Unit	Results	Standard
1	Particulate Matter	g/Kw-hr	0.086	<0.2
2	CO	g/Kw-hr	0.182	<3.5
3	Nox +HC	g/Kw-hr	0.240	<4.0

INFERENCE	as per KSPCB Report Status - The measured values for the above parameters for those standards have been specified were observed to be within the said standards
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TEST REPORT

Table No. 31

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited			
Name of the Mine	: Subrayanahalli Manganese & Iron Ore Mine (ML NO. 2678)			
Location	: SBS -PLOT-SB HALLI			
Stack ID & Capacity	: DG Set 160 KVA Mineral Processing			
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)			
Instrument used for sampling	: Emissions collected through stack sampler			
Date of Collection	: 09.02.2026			
Date of Sample Receipt	: 10.02.2026			
Report No	: N000626022			
Issue date	: 02.03.2026			
STACK DETAILS				
1	Fuel Used	Diesel		
2	Ambient Temperature (°C)	27		
3	Stack Temperature (°C)	148		
4	Velocity (m/s)	8.27		
5	Stack diameter (M)	0.15		
6	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	360		
7	Sample Condition When Received	Satisfactory		
8	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1		
9	Serial No. of the Equipment	338 DTH 14		
10	Calibration due date	17.07.2026		
11	Test Method	IS 11255 & flue gas analyser		
Pollutional Parameters (Result)				
Sl.No	Parameters	Unit	Results	Standard
1	Particulate Matter	g/Kw-hr	0.045	<0.2
2	CO	g/Kw-hr	0.047	<3.5
3	Nox +HC	g/Kw-hr	0.207	<4.0

INFERENCE	as per KSPCB
	Report Status - The measured values for the above parameters for those standards have been specified were observed to be within the said standards

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TEST REPORT

Table No. 32

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Mine	: Subrayanahalli Manganese & Iron Ore Mine (ML NO. 2678)
Location	: KVH IO MINES - SB HALLI
Stack ID & Capacity	: DG Set 35 KVA Doosan Light Source
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Instrument used for sampling	: Emissions collected through stack sampler
Date of Collection	: 09.02.2026
Date of Sample Receipt	: 10.02.2026
Report No	: N000726022
Issue date	: 02.03.2026

STACK DETAILS

1	Fuel Used	Diesel
2	Ambient Temperature (°C)	28
3	Stack Temperature (°C)	142
4	Velocity (m/s)	7.96
5	Stack diameter (M)	0.15
6	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	351
7	Sample Condition When Received	Satisfactory
8	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1
9	Serial No. of the Equipment	86 BTF 12
10	Calibration due date	17.07.2026
11	Test Method	IS 11255 & flue gas analyser

Pollutional Parameters (Result)

Sl.No	Parameters	Unit	Results	Standard
1	Particulate Matter	g/Kw-hr	0.110	<0.2
2	CO	g/Kw-hr	0.281	<3.5
3	Nox +HC	g/Kw-hr	0.381	<4.0

INFERENCE	as per KSPCB
	Report Status - The measured values for the above parameters for those standards have been specified were observed to be within the said standards

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TEST REPORT

Table No. 33

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Mine	: Subrayanahalli Manganese & Iron Ore Mine (ML NO. 2678)
Location	: KVH IO MINES - SB HALLI
Stack ID & Capacity	: DG Set 125 KVA Doosan Light Source
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Instrument used for sampling	: Emissions collected through stack sampler
Date of Collection	: 09.02.2026
Date of Sample Receipt	: 10.02.2026
Report No	: N000826022
Issue date	: 02.03.2026

STACK DETAILS

1	Fuel Used	Diesel
2	Ambient Temperature (°C)	26
3	Stack Temperature (°C)	133
4	Velocity (m/s)	8.01
5	Stack diameter (M)	0.15
6	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	361
7	Sample Condition When Received	Satisfactory
8	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1
9	Serial No. of the Equipment	338 DTH 14
10	Calibration due date	17.07.2026
11	Test Method	IS 11255 & flue gas analyser

Pollutional Parameters (Result)

Sl.No	Parameters	Unit	Results	Standard
1	Particulate Matter	g/Kw-hr	0.053	<0.2
2	CO	g/Kw-hr	0.058	<3.5
3	Nox +HC	g/Kw-hr	0.153	<4.0

INFERENCE	as per KSPCB
	Report Status - The measured values for the above parameters for those standards have been specified were observed to be within the said standards

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TEST REPORT

Table No. 34

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Mine	: Kammathuru Iron Ore (KTIO) (ML No. 2678)
Location	: KTIO - Dump
Stack ID & Capacity	: DG Set 7.5 KVA Doosan Light Source
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Instrument used for sampling	: Emissions collected through stack sampler
Date of Collection	: 09.02.2026
Date of Sample Receipt	: 10.02.2026
Report No	: N000926022
Issue date	: 02.03.2026

STACK DETAILS

1	Fuel Used	Diesel
2	Ambient Temperature (°C)	27
3	Stack Temperature (°C)	140
4	Velocity (m/s)	9.17
5	Stack diameter (M)	0.15
6	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	406
7	Sample Condition When Received	Satisfactory
8	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1
9	Serial No. of the Equipment	338 DTH 14
10	Calibration due date	17.07.2026
11	Test Method	IS 11255 & flue gas analyser

Pollutional Parameters (Result)

Sl.No	Parameters	Unit	Results	Standard
1	Particulate Matter	g/Kw-hr	0.098	<0.2
2	CO	g/Kw-hr	0.650	<3.5
3	Nox +HC	g/Kw-hr	1.842	<4.0

INFERENCE	as per KSPCB
	Report Status - The measured values for the above parameters for those standards have been specified were observed to be within the said standards

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TEST REPORT

Table No. 35

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Mine	: Kammathuru Iron Ore Mine (KTIO) (ML No. 2678)
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Screening Plant Make & code	: Sandvik Screening & Crushing Plant (MCP- 2)
Mobile Crusher Capacity	: 500 TPH
Date of Collection	: 20.02.2026
Date of Sample Receipt	: 21.02.2026
Report No	: N030926024
Issue date	: 02.03.2026

STACK DETAILS

1	Fuel Used	Diesel
2	Stack diameter (M)	0.13
3	Stack Temperature (°C)	58
4	Velocity (m/s)	10.96
5	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	439.00
6	Sample Condition When Received	Satisfactory
7	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1
8	Serial No. of the Equipment	338 DTH 14
9	Calibration due date	17.07.2026
10	Test Method	IS 11255

Pollutional Parameters (Result)

Sl.No	Parameters	Unit	Results	Permissible limits
1	Particulate Matter	mg/Nm ³	65	100

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TEST REPORT

Table No. 36

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited			
Name of the Mine	: Kammathuru Iron Ore Mine (KTIO) (ML No. 2678)			
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)			
Screening Plant Make & code	: Keestrak Crushing & Screening Plant (MCP- 3)			
Mobile Crusher Capacity	: 350 TPH			
Date of Collection	: 20.02.2026			
Date of Sample Receipt	: 21.02.2026			
Report No	: N031026024			
Issue date	: 02.03.2026			
STACK DETAILS				
1	Fuel Used	Diesel		
2	Stack diameter (M)	0.20		
3	Stack Temperature (°C)	52		
4	Velocity (m/s)	10.19		
5	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	983.0		
6	Sample Condition When Received	Satisfactory		
7	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1		
8	Serial No. of the Equipment	338 DTH 14		
9	Calibration due date	17.07.2026		
10	Test Method	IS 11255		
Pollutional Parameters (Result)				
Sl.No	Parameters	Unit	Results	Permissible limits
1	Particulate Matter	mg/Nm ³	70	100


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TEST REPORT

Table No. 37

Stack Monitoring Report

Name of the Client	: The Sandur Manganese & Iron Ores Limited
Name of the Mine	: Subrayanahalli Manganese & Iron Ore Mine (ML NO. 2678)
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Sample Location	: KVH
Screening Plant Make & code	: Sandvik Screening & Crushing Plant (MCP - 1)
Mobile Crusher Capacity	: 500 TPH
Date of Collection	: 21.02.2026
Date of Sample Receipt	: 23.02.2026
Report No	: N031126024
Issue date	: 02.03.2026

STACK DETAILS

1	Fuel Used	Diesel
2	Stack diameter (M)	0.13
3	Stack Temperature (°C)	62
4	Velocity (m/s)	12.22
5	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	483.00
6	Sample Condition When Received	Satisfactory
7	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1
8	Serial No. of the Equipment	338 DTH 14
9	Calibration due date	17.07.2026
10	Test Method	IS 11255

Pollutional Parameters (Result)

Sl.No	Parameters	Unit	Results	Permissible limits
1	Particulate Matter	mg/Nm ³	67	100

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ENVIRONMENTAL LABORATORY

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TEST REPORT

Table No. 38

Stack Monitoring Report

Name of the Client	:The Sandur Manganese & Iron Ores Limited			
Name of the Mine	: ML NO. 2678			
Location	: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.			
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)			
Screening Plant Make & code	: Terex Screening Plant (MSP - 2)			
Mobile Crusher Capacity	: 350 TPH			
Date of Collection	: 21.02.2026			
Date of Sample Receipt	: 23.02.2026			
Report No	: N031226024			
Issue date	: 02.03.2026			
STACK DETAILS				
1	Fuel Used	Diesel		
2	Stack diameter (M)	0.20		
3	Stack Temperature (°C)	55		
4	Velocity (m/s)	12.08		
5	Quantity of flue Gas Discharged into atmosphere (Nm ³ /hr)	1155.0		
6	Sample Condition When Received	Satisfactory		
7	Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1		
8	Serial No. of the Equipment	86BTF12		
9	Calibration due date	17.07.2026		
10	Test Method	IS 11255		
Pollutional Parameters (Result)				
Sl.No	Parameters	Unit	Results	Permissible limits
1	Particulate Matter	mg/Nm ³	65	100


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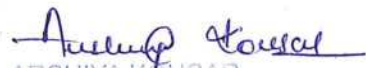
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TEST REPORT

Table No.39

Stack Monitoring Report

Name of the Client	:The Sandur Manganese & Iron Ores Limited		
Name of the Mine	: ML NO. 2678		
Location	: Deogiri, Subbarayanahalli, Ramghad & Kammathuru Villages, Sandur Tq, Ballari Dt.		
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)		
Date of Collection	: 23.02.2026		
Date of Sample Receipt	: 24.02.2026		
Issue date	: 02.03.2026		
STACK DETAILS			
Screening Plant Make & code	Keestrak Screening Plant (MSP-1)	Keestrak Screening Plant (MSP-3)	
Report No	N031326024	N031426024	
1 Fuel Used	Diesel	Diesel	
2 Capacity	600 TPH	350 TPH	
3 Stack diameter (M)	0.20	0.20	
4 Stack Temperature (°C)	53	59	
5 Velocity (m/s)	1.82	12.00	
6 Quantity of flue Gas Discharged into atmosphere (Nm³/hr)	1137.0	1135.0	
7 Sample Condition When Received	Satisfactory		
8 Model of the Equipment used for Monitoring	Vayubodhan Stack Sampler VSS1		
9 Serial No. of the Equipment	86BTF12		
10 Calibration due date	17.07.2026		
11 Test Method	IS 11255		
Pollutional Parameters (Result)			
Sl.No	Parameters	Unit	Results
1	Particulate Matter	mg/Nm ³	68
			72
	Permissible limits	mg/Nm³	100


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