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

Ref No: SMIORE/PLANT/ENV/MR/2026-27/032 **10/08/2026**

To,
The Environmental Officer,
Regional Office KSPCB,
Shree Sai Sharana Plaza,
No. 71/A, 2nd Floor, Dam Road,
Hosapete, Vijayanagara- 583203

ಸ್ವೀಕೃತಿ
ಕ.ರಾ.ಮಾ.ನಿ. ಮಂಡಳಿ
ಪ್ರಾದೇಶಿಕ ಕಛೇರಿ ವಿಜಯನಗರ ಹೊಸಪೇಟೆ
ಸಂಖ್ಯೆ/ದಿನಾಂಕ: 12/08/2026

Sub: Submission of Environmental Monitoring Report **July-2026**

Ref:
1) Addendum to Consent for Operation KSPCB Letter No. PCB/SEO/MIN/2025-26/1343, Dated 08.07.2026
2) CFO No. AW-354428 PCB ID 29470, Dated 18.06.2026

Dear Sir,

We are herewith submitting the Environmental Monitoring Report of M/s The Sandur Manganese & Iron Ores Limited for **July 2026** for your kind perusal.

Kindly acknowledge receipt of the same and oblige.

Thanking you,

For **The Sandur Manganese & Iron Ores Limited**

Parvatareddy Patil
Senior General Manager- Plant

The Sandur Manganese & Iron Ores Limited Vyasanakere

Encl: Environmental Monitoring Report **July-2026**

PREFACE

As per the conditions stipulated in the Consent for Establishment (CFE) and Consent for Operation (CFO), industries are required to monitor environmental parameters at specified frequencies and designated locations. The monitoring data must be submitted monthly to the respective State Pollution Control Board.

In line with this requirement, and as part of its commitment to environmental compliance and the health and safety of its employees and surrounding communities, **M/s. The Sandur Manganese & Iron Ores Ltd.** has engaged **M/s. Global Environment & Mining Services LLP, Hosapete**, to carry out comprehensive environmental monitoring. The scope of monitoring includes:

- Ambient Air Quality (AAQ) Monitoring
- Noise Level Monitoring
- Water Quality Analysis
- Stack Emissions Monitoring

All monitoring activities were carried out using standard sampling methodologies prescribed by the Central Pollution Control Board (CPCB) and in accordance with the frequencies and parameters outlined in the CFO conditions. The monitoring reports have been compiled accordingly and are being submitted to the Pollution Control Board as per compliance requirements.

We extend our sincere thanks to the officials of **M/s. The Sandur Manganese & Iron Ores Ltd.** for their valuable coordination and support during the sampling and reporting process.

for GLOBAL Environment & Mining Services LLP

Dr. D. N/Gulhane
(Quality Manager)

Place: Hosapete
Date:03.08.2026

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GLOBAL ENVIRONMENT & MINING SERVICES LLP
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Ph : 08394 355369
e-mail : gems_hpt@yahoo.com
Website : www.gemsllp.in
TC-16180

ANNEXURE-01
GEMS-LD/TF/11/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
Sample collected by	:	Global Environment & Mining Services LLP
Discipline	:	Chemical
Group	:	Atmospheric Pollution
Sample Type	:	Ambient Air Quality Monitoring
Particulars of Sample Collected	:	Respirable Dust Sampler, FPS Sampler
Month	:	**JULY-2026**
Location	:	**A1-Near Existing AAQMS 01 (SMIORE School)**
Report Issued Date	:	**03.08.2026**
Report Number	:	**ULR-TC1618026000002913F**

RESULTS

Parameters			PM_{10} [µg/m³]	$PM_{2.5}$ [µg/m³]	SO_2 [µg/m³]	NO_2 [µg/m³]	Ozone* (O3), [µg/m³]	Ammonia (NH3) [µg/m³]
Reference Method			IS:5182: 2006 (Part-23) (RF-2017)	IS 5182 (Part 24): 2019 (RF-2024)	IS:5182: 2001 (Part-2) Sec1:2023	IS :5182: (Part-6) 2006 (RF-2017)	IS 5182 (Part 9): 1974	IS 5182 (Part 25) 2018
Date of Sampling	Date of Sample Received	Sample Code	Result	Result	Result	Result	Result	Result
03.07.2026	04.07.2026	3019	61.35	18.87	11.48	10.65	0.00	<20.0
04.07.2026	05.07.2026	3038	56.45	13.45	13.41	9.54	0.00	<20.0
10.07.2026	11.07.2026	3246	52.98	12.61	9.25	11.56	0.00	<20.0
11.07.2026	12.07.2026	3283	60.15	17.08	10.74	13.98	0.00	<20.0
17.07.2026	18.07.2026	3395	61.84	16.58	13.32	12.12	0.00	<20.0
18.07.2026	19.07.2026	3422	54.04	11.14	9.58	11.61	0.00	<20.0
24.07.2026	25.07.2026	3616	53.91	12.84	10.29	12.79	0.00	<20.0
25.07.2026	26.07.2026	3629	57.48	14.51	8.98	13.68	0.00	<20.0
30.07.2026	31.07.2026	3748	55.65	12.63	10.56	9.32	0.00	<20.0
31.07.2026	01.08.2026	3771	64.15	18.45	9.66	11.51	0.00	<20.0
Average			**57.8**	**14.81**	**10.72**	**11.67**	**0.00**	**<20.0**
Limits for Industrial, Residential, Rural, and other Areas			100	60	80	80	180	400
			24 hrs.	24 hrs.	24 hrs.	24 hrs.	1hr*	24 hrs.

Note: * Parameters were monitored for a period of 1 hr.

INFERENCE	As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit.

****End of the Report****

Lakshmi B.S
Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulhane
Quality Manager

Note:
1. The result listed refers only to the tested samples & applicable parameters. Endorsement of products is neither inferred nor implied.
2. Water Samples will be destroyed after 7Days. Waste Water After Analysis Discard the Samples. Minerals 3 Months, Filter papers& Thimbles After analysis Discard 7 days.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should not use any advertising media without special permission in writing.
4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Hosapete jurisdiction only.
5. Recognized by Ministry of Environment, Forest, and Climate Change for Laboratory.
6. Recognized by Government of Karnataka, Maharashtra, Goa for DGPS survey.

GLOBAL ENVIRONMENT & MINING SERVICES LLP
(Consulting Engineers, Mine designers, Geologist & Surveyors)
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Ph : 08394 355369
e-mail : gems_hpt@yahoo.com
Website : www.gemsllp.in

ANNEXURE-01
GEMS-LD/TF/11/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : **M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
Customer Reference : Workorder No.4200011817 Dated:20.08.2025
Sample collected by : Global Environment & Mining Services LLP
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : **JULY-2026**
Location : **A1-Near Existing AAQMS 01 (SMIORE School)**
Report Issued Date : **04.08.2026**
Report Number : **GEMS/SMIORE/2026-27/2913**

Parameters			Lead (Pb), µg/m³	Nickel (Ni), ng/m³	Arsenic (As), ng/m³	Benzo(a) Pyrene (BaP), ng/m³	Carbon Monoxide* (CO), mg/m³	Benzene (C_6H_6), µg/m³
Reference Method			IS 5182 (Part 22): 2004(RA 2014)	IS 5182 (Part 26): 2020	GEMS /SOP/87	IS 5182 (Part XII) 2006(RA 2017)	GEMS/SOP/86	IS 5182 (Part XI) 2006(RA 2017)
Date of Sampling	Date of Sampling	Sample Code	Result	Result	Result	Result	Result	Result
03.07.2026	04.07.2026	3019	<0.01	<0.1	<0.5	<0.5	0.14	<1.0
04.07.2026	05.07.2026	3038	<0.01	<0.1	<0.5	<0.5	<0.01	<1.0
10.07.2026	11.07.2026	3246	<0.01	<0.1	<0.5	<0.5	0.13	<1.0
11.07.2026	12.07.2026	3283	<0.01	<0.1	<0.5	<0.5	0.11	<1.0
17.07.2026	18.07.2026	3395	<0.01	<0.1	<0.5	<0.5	<0.01	<1.0
18.07.2026	19.07.2026	3422	<0.01	<0.1	<0.5	<0.5	<0.01	<1.0
24.07.2026	25.07.2026	3616	<0.01	<0.1	<0.5	<0.5	0.12	<1.0
25.07.2026	26.07.2026	3629	<0.01	<0.1	<0.5	<0.5	0.15	<1.0
30.07.2026	31.07.2026	3748	<0.01	<0.1	<0.5	<0.5	0.14	<1.0
31.07.2026	01.08.2026	3771	<0.01	<0.1	<0.5	<0.5	0.12	<1.0
		Average	<0.01	<0.1	<0.5	<0.5	0.13	<1.0
Limits for Industrial, Residential, Rural, and other Areas			1.0	20	6	1	4	5
			24 hrs.	Annual	Annual	Annual	1 hr.	Annual

Note: * Parameters were monitored for a period of 1 hr.

INFERENCE	As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit.

****End of the Report****

Lakshmi B.S
Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulhane
Quality Manager

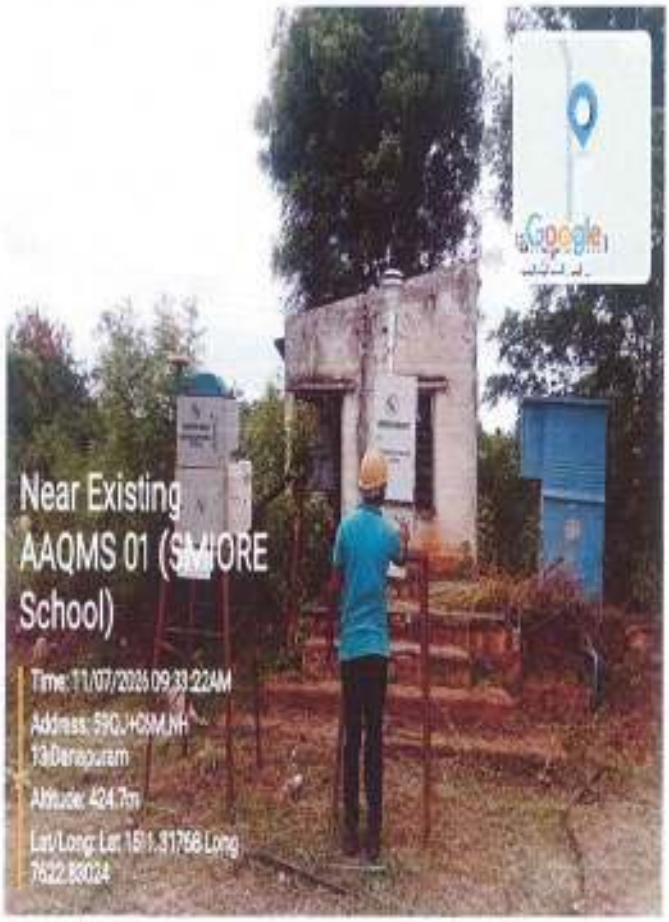
- **Recognized by Ministry of Environment, Forest and Climate Change for Laboratory**
- Recognized by Government of Karnataka, Maharashtra, Goa for DGPS survey

SMIORE

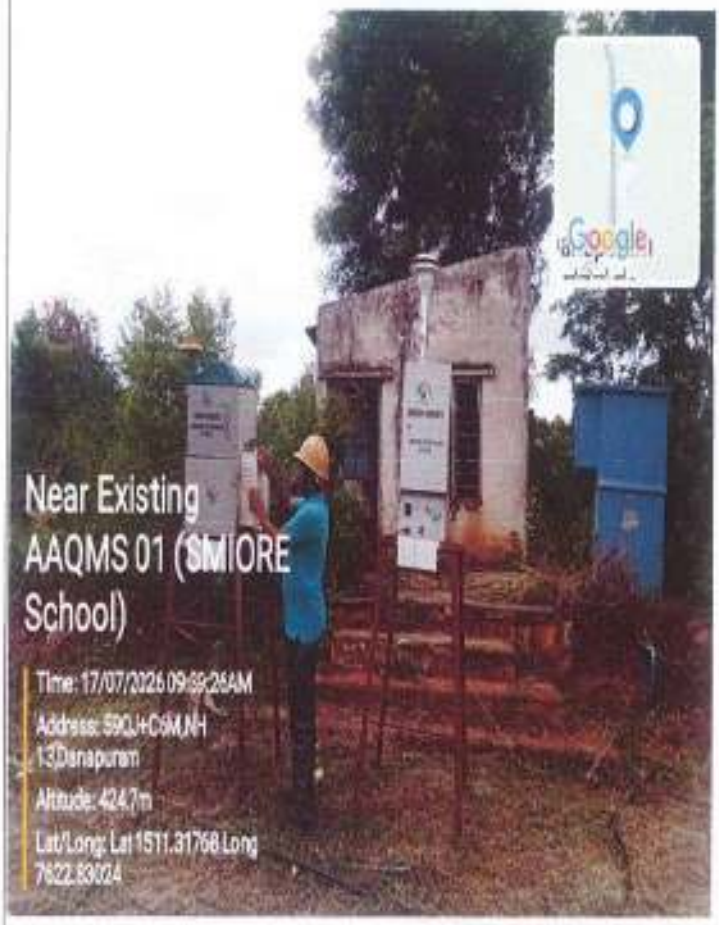

Near Existing
AAQMS 01 (SMIORE
School)
Time: 03/07/2026 09:28:33AM
Address: 59QJ+C6M,NH
13,Denapuram
Altitude: 424.7m
Lat/Long: Lat 1511.31758 Long
7622.83024


Near Existing
AAQMS 01 (SMIORE
School)

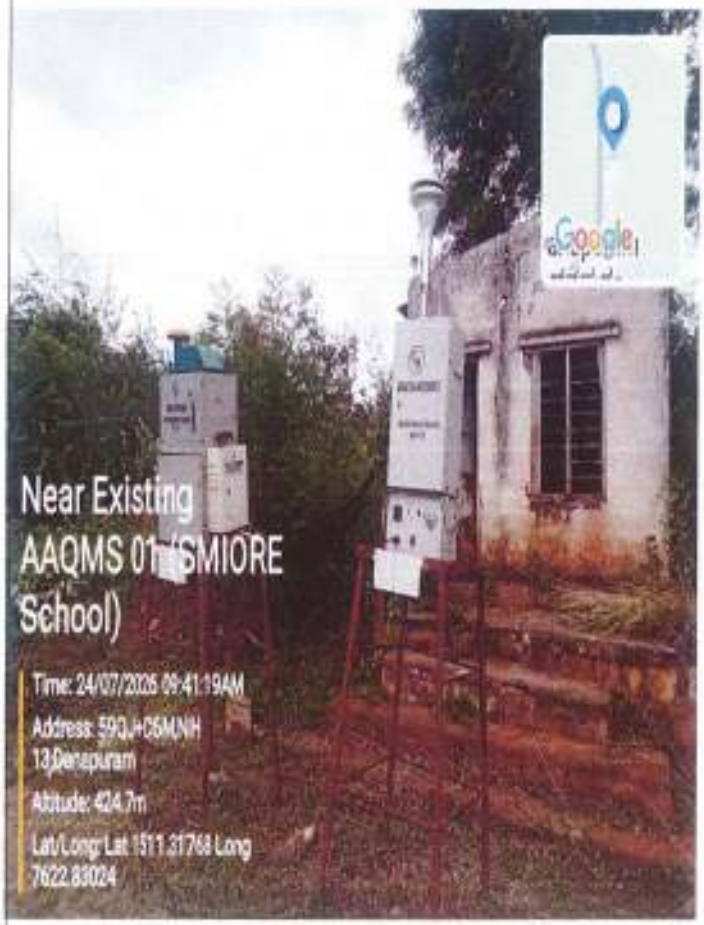

Near Existing
AAQMS 01 (SMIORE
School)
Time: 10/07/2026 09:25:31 AM
Address: 59QJ+C6M,NH
13,Denapuram
Altitude: 424.7m
Lat/Long: Lat 1511.31758 Long
7622.83024


Near Existing
AAQMS 01 (SMIORE
School)
Time: 11/07/2026 09:33:22AM
Address: 59QJ+C6M,NH
13,Denapuram
Altitude: 424.7m
Lat/Long: Lat 1511.31758 Long
7622.83024

SMIORE


Near Existing
AAQMS 01 (SMIORE
School)
Time: 17/07/2026 09:59:26AM
Address: 59QJ+C9M,NH
13,Denapuram
Altitude: 424.7m
Lat/Long: Lat 1511.31768 Long
7622.83024

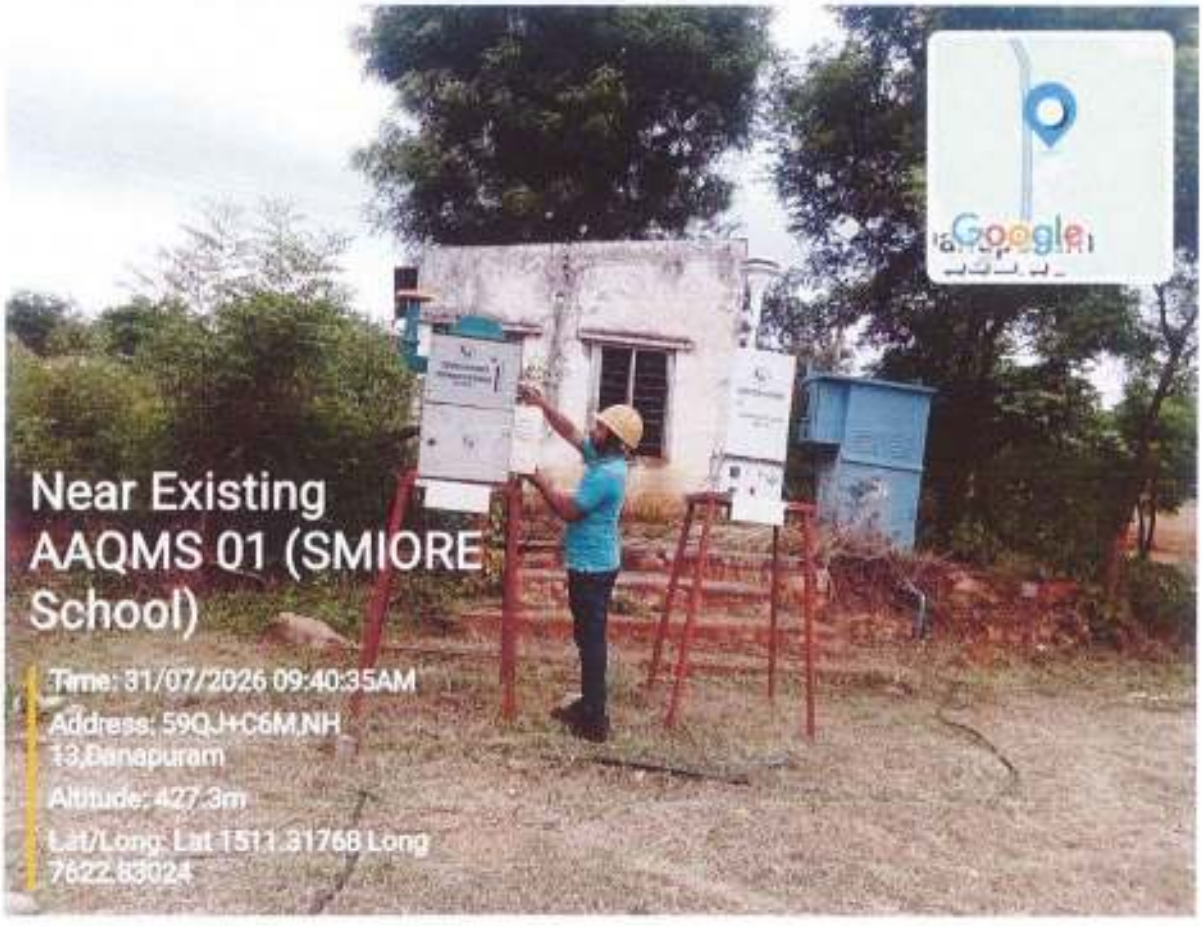

Near Existing
AAQMS 01 (SMIORE
School)
Time: 18/07/2026 09:36:14AM
Address: 59QJ+C9M,NH
13,Denapuram
Altitude: 424.7m
Lat/Long: Lat 1511.31768 Long
7622.83024


Near Existing
AAQMS 01 (SMIORE
School)
Time: 24/07/2026 09:41:19AM
Address: 59QJ+C9M,NH
13,Denapuram
Altitude: 424.7m
Lat/Long: Lat 1511.31768 Long
7622.83024


Near Existing
AAQMS 01 (SMIORE
School)
Address: 59QJ+C9M,NH
13,Denapuram
Altitude: 424.7m
Lat/Long: Lat 1511.31768 Long
7622.83024

SMIORE


Near Existing AAQMS 01 (SMIORE School)
Time: 30/07/2026 09:32:22AM
Address: 59QJ+C6M,NH 13,Danapuram
Altitude: 427.3m
Lat/Long: Lat 1511.31768 Long 7622.83024


Near Existing AAQMS 01 (SMIORE School)
Time: 31/07/2026 09:40:35AM
Address: 59QJ+C6M,NH 13,Danapuram
Altitude: 427.3m
Lat/Long: Lat 1511.31768 Long 7622.83024

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GEMS
NABET
TC-16180

ANNEXURE-02
GEMS-LD/TF/11/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
Customer Reference	:	Work order No. 4200011817 Dated: 20.08.2025
Sample collected by	:	Global Environment & Mining Services LLP
Discipline	:	Chemical
Group	:	Atmospheric Pollution
Sample Type	:	Ambient Air Quality Monitoring
Particulars of Sample Collected	:	Respirable Dust Sampler, FPS Sampler
Month	:	**JULY-2026**
Location	:	**A2 - Existing Water Reservoir (Near WTP Plant)**
Duration of Monitoring	:	24 Hour
Report Issued Date	:	**03.08.2026**
Report Number	:	**ULR-TC1618026000002914F**

RESULTS

Parameters			PM_{10} [µg/m³]	$PM_{2.5}$ [µg/m³]	SO_2 [µg/m³]	NO_2 [µg/m³]	Ozone* (O3), [µg/m³]	Ammonia (NH3) [µg/m³]
Reference Method			IS:5182: 2006 (Part-23) (RF-2017)	IS 5182 (Part 24): 2019 (RF-2024)	IS:5182: 2001 (Part-2) Sec 1:2023	IS :5182: (Part-6) 2006 (RF-2017)	IS 5182 (Part 9): 1974	IS 5182 (Part 25) 2018
Date of Sampling	Date of Sample Received	Sample Code	Result	Result	Result	Result	Result	Result
03.07.2026	04.07.2026	3020	50.24	15.09	11.15	10.86	4.12	<20.0
04.07.2026	05.07.2026	3039	48.74	14.84	10.18	11.45	0.00	<20.0
10.07.2026	11.07.2026	3247	57.25	12.12	9.15	9.44	0.00	<20.0
11.07.2026	12.07.2026	3284	54.45	13.87	10.84	12.13	3.56	<20.0
17.07.2026	18.07.2026	3396	56.94	12.04	8.51	11.13	2.87	<20.0
18.07.2026	19.07.2026	3423	58.87	16.74	10.74	10.13	6.09	<20.0
24.07.2026	25.07.2026	3617	54.34	11.36	9.87	11.45	7.45	<20.0
25.07.2026	26.07.2026	3638	53.12	12.84	10.48	9.86	6.35	<20.0
30.07.2026	31.07.2026	3749	48.98	10.65	10.98	11.25	0.00	<20.0
31.07.2026	01.08.2026	3772	50.45	11.41	11.54	9.84	3.78	<20.0
Average			**53.33**	**13.09**	**10.34**	**10.75**	**3.42**	**<20.0**
Limits for Industrial, Residential, Rural, and other Areas			**100**	**60**	**80**	**80**	**180**	**400**
			24 hrs.	**24 hrs.**	**24 hrs.**	**24 hrs.**	**1hr***	**24 hrs.**

Note: * Parameters were monitored for a period of 1 hr.

INFERENCE	**As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit.**

****End of the Report****

Lakshmi B.S
Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulhane
Quality Manager

Global Environment & Mining Services LLP HOSPET

Note:
1. The result listed refers only to the tested samples & applicable parameters. Endorsement of products is neither inferred nor implied.
2. Water Samples will be destroyed after 7Days, Waste Water After Analysis Discard the Samples, Materials 3 Months, Filter papers & Thimbles After analysis Discard 7 days.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should not use any advertising media without special permission in writing.
4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Hospete jurisdiction only.
5. Recognized by Ministry of Environment, Forest, and Climate Change for Laboratory
6. Recognized by Government of Karnataka, Maharashtra, Goa for DGPS survey

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e-mail : gems_hpt@yahoo.com
Website : www.gemsllp.in

ANNEXURE-02
GEMS-LD/TF/11/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
Sample collected by	:	Global Environment & Mining Services LLP
Discipline	:	Chemical
Group	:	Atmospheric Pollution
Sample Type	:	Ambient Air Quality Monitoring
Particulars of Sample Collected	:	Respirable Dust Sampler, FPS Sampler
Month	:	**JULY-2026**
Location	:	**A2 - Existing Water Reservoir (Near WTP Plant)**
Report Issued Date	:	**04.08.2026**
Report Number	:	**GEMS/SMIORE/2026-27/2914**

Parameters			Lead (Pb), µg/m³	Nickel (Ni), ng/m³	Arsenic (As), ng/m³	Benzo(a) Pyrene (BaP), ng/m³	Carbon Monoxide* (CO), mg/m³	Benzene (C_6H_6), µg/ m³
Reference Method			IS 5182 (Part 22): 2004(RA 2014)	IS 5182 (Part 26): 2020	GEMS /SOP/87	IS 5182 (Part XII) 2006(RA 2017)	GEMS/SOP/86	IS 5182 (Part XI) 2006(RA 2017)
Date of Sampling	Date of Sampling	Sample Code	Result	Result	Result	Result	Result	Result
03.07.2026	04.07.2026	3020	<0.01	<0.1	<0.5	<0.5	0.13	<1.0
04.07.2026	05.07.2026	3039	<0.01	<0.1	<0.5	<0.5	0.15	<1.0
10.07.2026	11.07.2026	3247	<0.01	<0.1	<0.5	<0.5	0.14	<1.0
11.07.2026	12.07.2026	3284	<0.01	<0.1	<0.5	<0.5	0.12	<1.0
17.07.2026	18.07.2026	3396	0.13	<0.1	<0.5	<0.5	0.15	<1.0
18.07.2026	19.07.2026	3423	0.15	<0.1	<0.5	<0.5	0.18	<1.0
24.07.2026	25.07.2026	3617	<0.01	<0.1	<0.5	<0.5	0.19	<1.0
25.07.2026	26.07.2026	3630	<0.01	<0.1	<0.5	<0.5	<0.01	<1.0
30.07.2026	31.07.2026	3749	<0.01	<0.1	<0.5	<0.5	0.08	<1.0
31.07.2026	01.08.2026	3772	<0.01	<0.1	<0.5	<0.5	0.12	<1.0
Average			0.14	<0.1	<0.5	<0.5	0.14	<1.0
Limits for Industrial, Residential, Rural, and other Areas			1.0 24 hrs.	20 Annual	6 Annual	1 Annual	4 1 hr.	5 Annual

Note: * Parameters were monitored for a period of 1 hr.

INFERENCE	As per NAAQMS Standards (2009),Report Status: - Measured Values for the above parameters are within the limit.

End of the Report

Analysed By
Lakshmi B S
Chemist

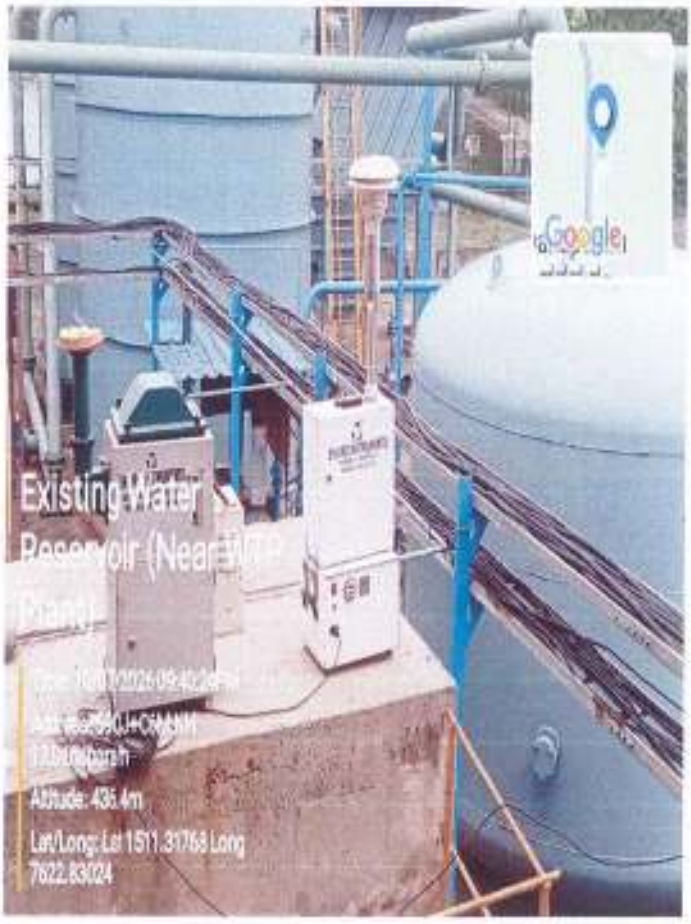
Verified By
S.Venkatesh
Asst. General Manager

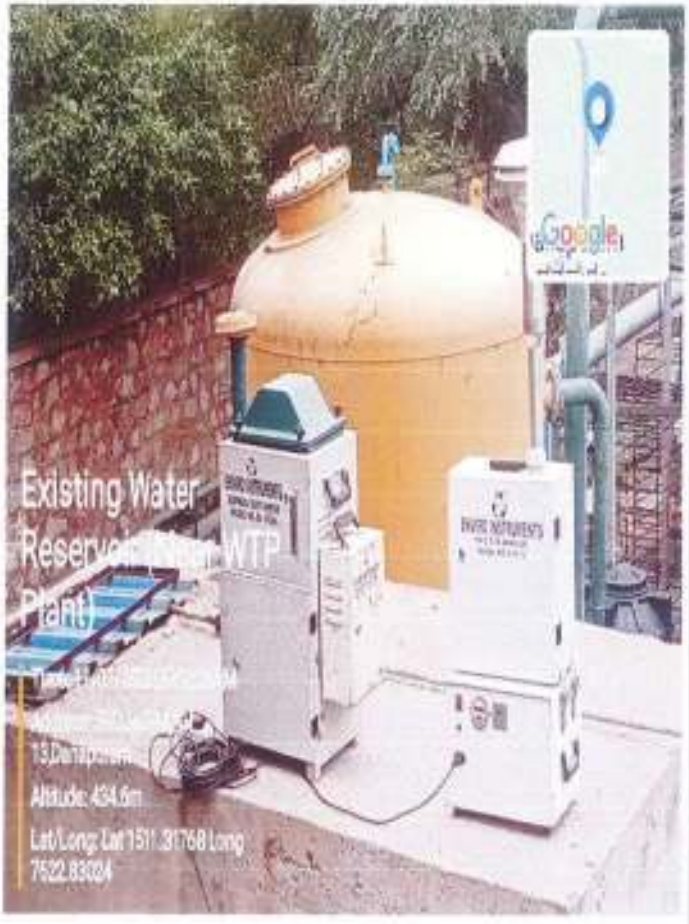
Authorized Signatory
Dr.D.N.Gurbani
Quality Manager

SMIORE


Existing Water
Reservoir (Near WTP
Plant)


Existing Water
Reservoir (Near WTP
Plant)

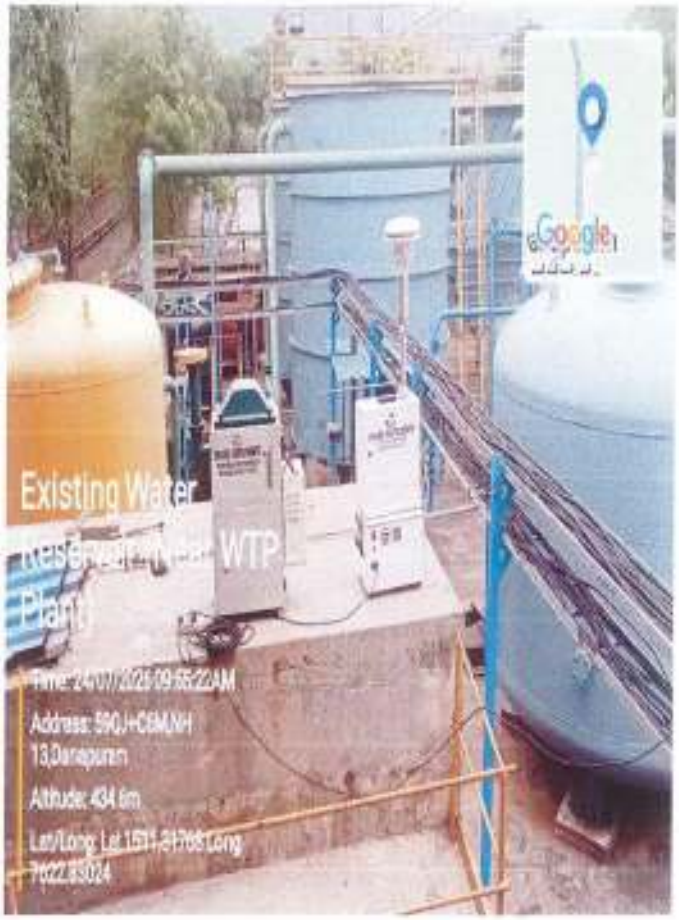

Existing Water
Reservoir (Near WTP
Plant)
Altitude: 436.4m
Lat/Long: Lat 1511.31768 Long
7622.83024

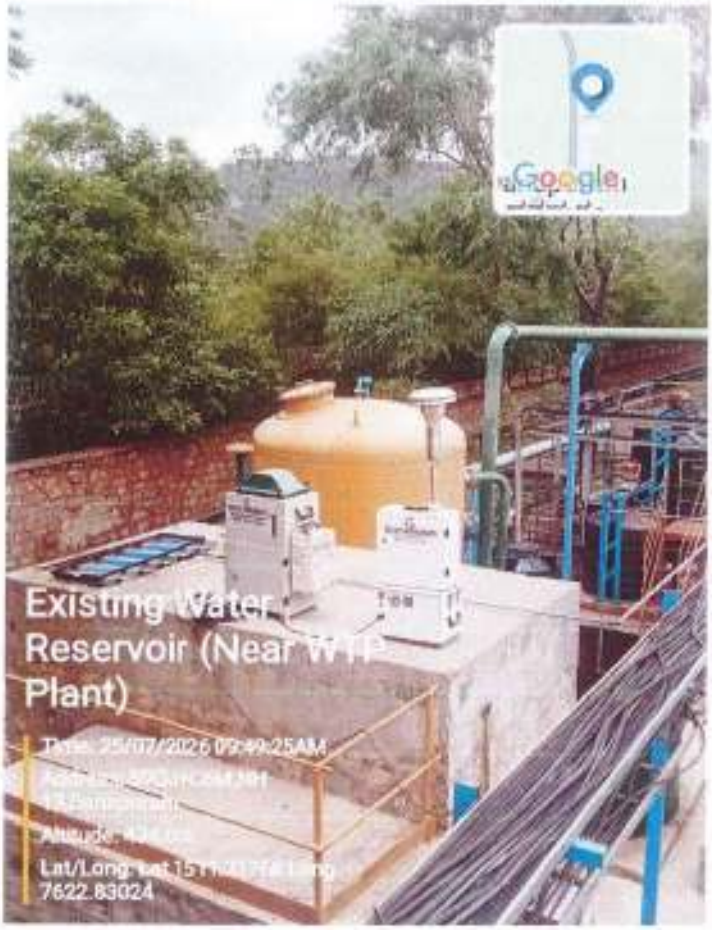

Existing Water
Reservoir (Near WTP
Plant)
Altitude: 434.6m
Lat/Long: Lat 1511.31768 Long
7622.83024

SMIORE


Google
Address: 59QJ+C6M,NH 13,Danapuram
Altitude: 434.6m
Lat/Long: Lat 1511.31768 Long 7622.83024

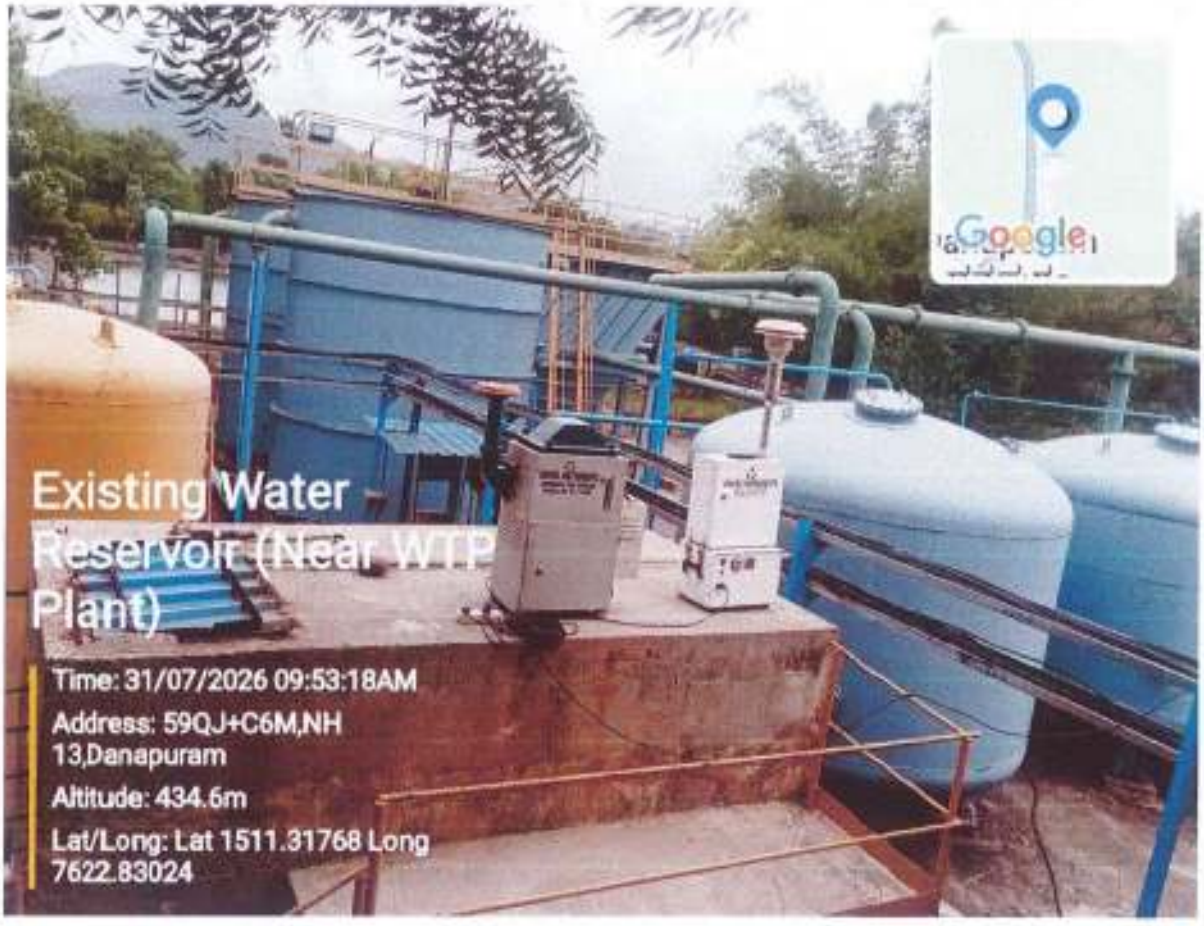

Google
Reservoir (Near WTP Plant)
Time: 18/07/2026 09:57:21AM
Address: 59QJ+C6M,NH 13,Danapuram
Altitude: 434.6m
Lat/Long: Lat 1511.31768 Long 7622.83024


Google
Existing Water
WTP
Address: 59QJ+C6M,NH 13,Danapuram
Altitude: 434.6m


Google
Existing Water
Reservoir (Near WTP
Plant)
7622.83024

SMIORE


Google
Existing Water
Reservoir (Near WTP
Plant)
09:30:37 AM
Address: 59QJ+C6M,NH
13,Danapuram
Altitude: 434.6m
Lat/Long: Lat 1511.31768 Long
7622.83024


Google
Existing Water
Reservoir (Near WTP
Plant)
Time: 31/07/2026 09:53:18AM
Address: 59QJ+C6M,NH
13,Danapuram
Altitude: 434.6m
Lat/Long: Lat 1511.31768 Long
7622.83024

GLOBAL ENVIRONMENT & MINING SERVICES LLP
(Consulting Engineers, Mine designers, Geologist & Surveyors)
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e-mail : gems_hpt@yahoo.com
Website : www.gemsllp.in
TC-16180

ANNEXURE-03
GEMS-LD/TF/11/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
Sample collected by	:	Global Environment & Mining Services LLP
Discipline	:	Chemical
Group	:	Atmospheric Pollution
Sample Type	:	Ambient Air Quality Monitoring
Particulars of Sample Collected	:	Respirable Dust Sampler, FPS Sampler
Month	:	**JULY-2026**
Location	:	**A3-Galemmanagudi Village**
Duration of Monitoring	:	24 Hour
Report Issue Date	:	**03.08.2026**
Report Number	:	**ULR-TC1618026000002915F**

RESULTS

Parameters			PM_{10} [µg/m³]	$PM_{2.5}$ [µg/m³]	SO_2 [µg/m³]	NO_2 [µg/m³]	Ozone* (O3), [µg/m³]	Ammonia (NH3) [µg/m³]
Reference Method			IS:5182: 2006 (Part-23) (RF-2017)	IS 5182 (Part 24): 2019 (RF-2024)	IS:5182: 2001 (Part-2) Set 1:2023	IS :5182: (Part-6) 2006 (RF-2017)	IS 5182 (Part 9): 1974	IS 5182 (Part 25) 2018
Date of Sampling	Date of Sample Received	Sample Code	Result	Result	Result	Result	Result	Result
03.07.2026	04.07.2026	3021	52.25	13.25	12.16	10.59	0.0	<20.0
04.07.2026	05.07.2026	3040	54.15	11.74	10.65	9.65	0.00	<20.0
10.07.2026	11.07.2026	3248	50.84	12.54	11.31	13.25	0.00	<20.0
11.07.2026	12.07.2026	3285	58.15	15.12	13.92	10.35	0.00	<20.0
17.07.2026	18.07.2026	3397	54.36	13.69	9.21	10.12	0.00	<20.0
18.07.2026	19.07.2026	3424	51.08	12.65	8.65	9.95	0.00	<20.0
24.07.2026	25.07.2026	3618	53.59	13.25	9.48	10.19	0.00	<20.0
25.07.2026	26.07.2026	3631	50.87	10.12	11.64	12.36	0.00	<20.0
30.07.2026	31.07.2026	3750	52.64	14.84	10.28	11.65	0.00	<20.0
31.07.2026	01.08.2026	3773	48.24	10.55	9.15	10.15	0.00	<20.0
Average			**52.61**	**12.77**	**10.64**	**10.82**	**0.00**	**<20.0**
Limits for Industrial, Residential, Rural, and other Areas			**100**	**60**	**80**	**80**	**180**	**400**
			24 hrs.	**24 hrs.**	**24 hrs.**	**24 hrs.**	**1hr***	**24 hrs.**

Note: * Parameters were monitored for a period of 1 hr.

INFERENCE	As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit.

****End of the Report****

Lakshmi B.S
Analysed By
Lakshmi B S
Chemist

S. Venkatesh
Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulhane
Quality Manager

Note:
1. The result listed refers only to the tested samples & applicable parameters. Endorsement of products is neither inferred nor implied.
2. Water Samples will be destroyed after 7Days, Waste Water After Analysis Discard the Samples, Materials 3 Months, Filter papers & Thimbles After analysis Discard 7 days.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should not use any advertising media without special permission in writing.
4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Hospete jurisdiction only.
5. Recognized by Ministry of Environment, Forest, and Climate Change for Laboratory
6. Recognized by Government of Karnataka, Maharashtra, Goa for DGPS survey

GLOBAL ENVIRONMENT& MINING SERVICESLLP
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e-mail : gems_hpt@yahoo.com
Website : www.gemsllp.in

ANNEXURE-03
GEMS-LD/TF/11/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
Sample collected by	:	Global Environment & Mining Services LLP
Discipline	:	Chemical
Group	:	Atmospheric Pollution
Sample Type	:	Ambient Air Quality Monitoring
Particulars of Sample Collected	:	Respirable Dust Sampler, FPS Sampler
Month	:	**JULY-2026**
Location	:	**A3-Galemmanagudi Village**
Report Issued Date	:	**04.08.2026**
Report Number	:	**GEMS/SMIORE/2026-27/2915**

Parameters			Lead (Pb), µg/m³	Nickel (Ni), ng/m³	Arsenic (As), ng/m³	Benzo(a) Pyrene (BaP), ng/m³	Carbon Monoxide* (CO), mg/m³	Benzene (C_6H_6), µg/ m³
Reference Method			IS 5182 (Part 22): 2004(RA 2014)	IS 5182 (Part 26): 2020	GEMS /SOP/87	IS 5182 (Part XII) 2006(RA 2017)	GEMS/SOP/86	IS 5182 (Part XI) 2006(RA 2017)
Date of Sampling	Date of Sampling	Sample Code	Result	Result	Result	Result	Result	Result
03.07.2026	04.07.2026	3021	<0.01	<0.1	<0.5	<0.5	0.20	<1.0
04.07.2026	05.07.2026	3040	<0.01	<0.1	<0.5	<0.5	0.18	<1.0
10.07.2026	11.07.2026	3240	<0.01	<0.1	<0.5	<0.5	0.15	<1.0
11.07.2026	12.07.2026	3285	<0.01	<0.1	<0.5	<0.5	0.16	<1.0
17.07.2026	18.07.2026	3397	<0.01	<0.1	<0.5	<0.5	0.15	<1.0
18.07.2026	19.07.2026	3424	<0.01	<0.1	<0.5	<0.5	0.13	<1.0
24.07.2026	25.07.2026	3618	<0.01	<0.1	<0.5	<0.5	0.18	<1.0
25.07.2026	26.07.2026	3631	<0.01	<0.1	<0.5	<0.5	0.14	<1.0
30.07.2026	31.07.2026	3750	<0.01	<0.1	<0.5	<0.5	0.18	<1.0
31.07.2026	01.08.2026	3773	<0.01	<0.1	<0.5	<0.5	0.16	<1.0
		Average	<0.01	<0.1	<0.5	<0.5	0.16	<1.0
Limits for Industrial, Residential, Rural, and other Areas			1.0	20	6	1	4	5
			24 hrs.	Annual	Annual	Annual	1 hr.	Annual

Note: * Parameters were monitored for a period of 1 hr.

INFERENCE	As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit.

End of the Report

Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gu...
Quality Manager

SMIORE


Google
Dananuram
Galammanagudi
village
Time: 03/07/2026 08:48:30AM
Address: 59RG+WGQ,Hospet
Altitude: 424.2m
Lat/Long: Lat 1511.54028 Long
7622.5786


Google
Dananuram
Galammanagudi
village


Google
Dananuram
Galammanagudi
village
Time: 10/07/2026 08:50:43AM
Address: 59RG+WGQ,Hospet
Altitude: 424.2m
Lat/Long: Lat 1511.54028 Long
7622.5786


Google
Dananuram
Galammanagudi
village
Address: 59RG+WGQ,Hospet
Altitude: 424.2m
Lat/Long: Lat 1511.54028 Long
7622.5786

SMIORE









SMIORE


ENVIRO INSTRUMENTS
ENVIRO INSTRUMENTS
Google
Galammanagudi village
Time: 30/07/2026 08:49:23AM
Address: 59RG+WGQ,Hospet
Altitude: 424.2m
Lat/Long: Lat 1511.54028 Long 7622.5786


ENVIRO INSTRUMENTS
ENVIRO INSTRUMENTS
Google
Galammanagudi village
Time: 31/07/2026 09:04:43AM
Address: 59RG+WGQ,Hospet
Altitude: 423.9m
Lat/Long: Lat 1511.54028 Long 7622.5786

GLOBAL ENVIRONMENT & MINING SERVICES LLP
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e-mail : gems_hpt@yahoo.com
Website : www.gemsllp.in
TC-16180

ANNEXURE-04
GEMS-LD/TF/11/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
Customer Reference	:	Work order No. 4200011817 Dated: 20.08.2025
Sample collected by	:	Global Environment & Mining Services LLP
Discipline	:	Chemical
Group	:	Atmospheric Pollution
Sample Type	:	Ambient Air Quality Monitoring
Particulars of Sample Collected	:	Respirable Dust Sampler, FPS Sampler
Month	:	**JULY-2026**
Location	:	**A4 - Near Plant Railway Siding**
Duration of Monitoring	:	24 Hour
Report Issue Date	:	**03.08.2026**
Report Number	:	**ULR-TC1618026000002916F**

RESULTS

Parameters			PM_{10} [µg/m³]	$PM_{2.5}$ [µg/m³]	SO_2 [µg/m³]	NO_2 [µg/m³]	Ozone* (O3), [µg/m³]	Ammonia (NH3) [µg/m³]
Reference Method			IS:5182: 2006 (Part-23) (RF-2017)	IS 5182 (Part 24): 2019 (RF-2024)	IS:5182: 2001 (Part-2) Ser 1:2023	IS :5182: (Part-6) 2006 (RF-2017)	IS 5182 (Part 9): 1974	IS 5182 (Part 25) 2018
Date of Sampling	Date of Sample Received	Sample Code	Result	Result	Result	Result	Result	Result
03.07.2026	04.07.2026	3022	51.25	12.15	9.25	9.36	6.45	<20.0
04.07.2026	05.07.2026	3041	55.51	13.15	9.89	10.45	2.13	<20.0
10.07.2026	11.07.2026	3249	48.58	9.44	8.89	9.66	5.01	<20.0
11.07.2026	12.07.2026	3286	60.12	13.35	11.15	12.98	0.00	<20.0
17.07.2026	18.07.2026	3398	61.55	14.25	12.25	13.46	0.00	<20.0
18.07.2026	19.07.2026	3425	62.24	15.69	12.88	10.68	5.45	<20.0
24.07.2026	25.07.2026	3619	56.65	12.84	10.25	10.12	0.00	<20.0
25.07.2026	26.07.2026	3632	50.45	10.61	8.84	9.97	6.45	<20.0
30.07.2026	31.07.2026	3751	61.60	14.25	11.36	12.35	7.58	<20.0
31.07.2026	01.08.2026	3774	49.51	13.15	9.26	10.56	5.36	<20.0
Average			**55.75**	**12.88**	**10.4**	**10.96**	**3.84**	**<20.0**
Limits for Industrial, Residential, Rural, and other Areas			**100**	**60**	**80**	**80**	**180**	**400**
			24 hrs.	**24 hrs.**	**24 hrs.**	**24 hrs.**	**1hr***	**24 hrs.**

Note: * Parameters were monitored for a period of 1 hr.

INFERENCE	**As per NAAQMS Standards (2009),** **Report Status: - Measured Values for the above parameters are within the limit.**

****End of the Report****

Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulhane
Quality Manager

Note:
1. The result listed refers only to the tested samples & applicable parameters. Endorsement of products is neither inferred nor implied.
2. Water Samples will be destroyed after 7Days, Waste Water After Analysis Discard the Samples, Microbs 3 Months, Filter papers & Thimbles After analysis Discard 7 days.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should not use any advertising media without special permission in writing.
4. Total liability of our laboratory is limited to the Invoice amount. Any dispute arising out of this report is subject to Hospete jurisdiction only.
5. Recognised by Ministry of Environment, Forest, and Climate Change for Laboratory
6. Recognised by Government of Karnataka, Maharashtra, Goa for DGPS survey

GLOBAL ENVIRONMENT& MINING SERVICESLLP
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Website : www.gemsllp.in

ANNEXURE-04
GEMS-LD/TF/11/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
Sample collected by	:	Global Environment & Mining Services LLP
Discipline	:	Chemical
Group	:	Atmospheric Pollution
Sample Type	:	Ambient Air Quality Monitoring
Particulars of Sample Collected	:	Respirable Dust Sampler, FPS Sampler
Month	:	**JULY-2026**
Location	:	**A4 - Near Plant Railway Siding**
Report Issued Date	:	**04.08.2026**
Report Number	:	**GEMS/SMIORE/2026-27/735**

Parameters			Lead (Pb), µg/m³	Nickel (Ni), ng/m³	Arsenic (As), ng/m³	Benzo(a) Pyrene (BaP), ng/m³	Carbon Monoxide* (CO), mg/m³	Benzene (C_6H_6), µg/ m³
Reference Method			IS 5182 (Part 22): 2004(RA 2014)	IS 5182 (Part 26): 2020	GEMS /SOP/87	IS 5182 (Part XII) 2006(RA 2017)	GEMS/SOP/86	IS 5182 (Part XI) 2006(RA 2017)
Date of Sampling	Date of Sampling	Sample Code	Result	Result	Result	Result	Result	Result
03.07.2026	04.07.2026	3022	<0.01	<0.1	<0.5	<0.5	0.08	<1.0
04.07.2026	05.07.2026	3041	<0.01	<0.1	<0.5	<0.5	0.15	<1.0
10.07.2026	11.07.2026	3249	<0.01	<0.1	<0.5	<0.5	0.14	<1.0
11.07.2026	12.07.2026	3286	<0.01	<0.1	<0.5	<0.5	0.15	<1.0
17.07.2026	18.07.2026	3390	<0.01	<0.1	<0.5	<0.5	0.16	<1.0
18.07.2026	19.07.2026	3425	<0.01	<0.1	<0.5	<0.5	0.08	<1.0
24.07.2026	25.07.2026	3619	<0.01	<0.1	<0.5	<0.5	<0.01	<1.0
25.07.2026	26.07.2026	3632	<0.01	<0.1	<0.5	<0.5	<0.01	<1.0
30.07.2026	31.07.2026	3751	<0.01	<0.1	<0.5	<0.5	0.12	<1.0
31.07.2026	01.08.2026	3774	<0.01	<0.1	<0.5	<0.5	0.19	<1.0
Average			<0.01	<0.1	<0.5	<0.5	0.13	<1.0
Limits for Industrial, Residential, Rural, and other Areas			1.0 24 hrs.	20 Annual	6 Annual	1 Annual	4 1 hr.	5 Annual

Note: * Parameters were monitored for a period of 1 hr.

INFERENCE	As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit.

****End of the Report****

Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulkarni
Quality Manager

SMIORE

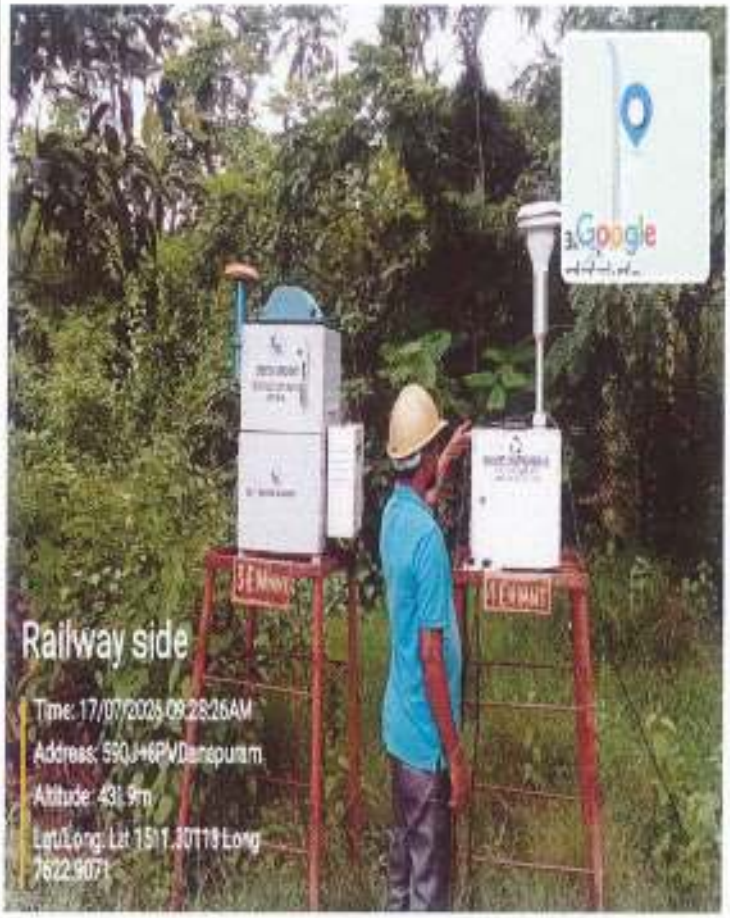

Railway side
Time: 04/07/2026 09:11:34AM
Address: 59QJ+6PV,Danapuram
Altitude: 431.9m
Lat/Long: Lat 1511.30118 Long 7622.9071


Railway side
Time: 04/07/2026 09:21:16AM
Address: 59QJ+6PV,Danapuram
Altitude: 431.9m
Lat/Long: Lat 1511.30118 Long 7622.9071


Railway
Time: 10/07/2026 07:05:21AM
Altitude: 431.9m
Lat/Long: Lat 1511.30118 Long 7622.9071


Railway side
Time: 11/07/2026 09:16:26AM
Altitude: 431.9m
Lat/Long: Lat 1511.30118 Long 7622.9071

SMIORE


Railway side
Time: 17/07/2026 09:28:26AM
Address: 59QJ+6PV Danapuram
Altitude: 431.9m
Lat/Long: Lat 1511.30116 Long 7622.9071


Railway side
Time: 18/07/2026 09:28:17AM
Address: 59QJ+6PV Danapuram
Altitude: 431.9m
Lat/Long: Lat 1511.30116 Long 7622.9071


Railway side
Time: 24/07/2026 09:27:27AM
Address: 59QJ+6PV Danapuram
Altitude: 431.9m
Lat/Long: Lat 1511.30116 Long 7622.9071


Railway side
Time: 25/07/2026 09:19:27AM
Address: 59QJ+6PV Danapuram
Altitude: 431.9m
Lat/Long: Lat 1511.30116 Long 7622.9071

SMIORE


Railway side
Time: 30/07/2026 08:49:44AM
Address: 59QJ+8PV,Danapuram
Altitude: 431.0m
Lat/Long: Lat 1511.30118 Long 7622.9071
3 E NMNT
4 E NMNT


Railway side
Time: 31/07/2026 09:04:17AM
Address: 59QJ+8PV,Danapuram
Altitude: 431.9m
Lat/Long: Lat 1511.30118 Long 7622.9071
3 E NMNT
4 E NMNT

GLOBAL ENVIRONMENT & MINING SERVICES LLP
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Ph : 08394 355369
e-mail : gems_hpt@yahoo.com
Website : www.gemsllp.in
TC-16180

ANNEXURE-5
GEMS-LD/TF/10/01

Analysis Report of Stack Emission

1	Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
2	Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
3	Sample collected by	:	Global Environment & Mining Services LLP, Hosapete
4	Particulars of sample collected	:	Stack Kit (Greentech Instruments) Sl. No: Stack Monitoring Kit/ **114-DTG-2016**
5	Instrument Details	:	Calibration Date: 25.04.2026 Calibration Due Date: 24.04.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Stack Attached to Furnace - 3**
10	Month of Sampling	:	**JULY-2026**
11	Date of Monitoring	:	**11.07.2026**
12	Date of Sample Received	:	11.07.2026
13	Sample Code	:	**3287**
14	Date of Sample Analysis	:	11.07.2026
15	Date of Sample Analysis completion	:	11.07.2026
16	Report Number	:	**ULR-TC161802600002748F**
17	Report Issued Date	:	**03.08.2026**

Stack Details

1	Fuel Used	-
2	Stack Height (m)	35
3	Stack Diameter (m)	2.5
4.	Cross Sectional Area (m^2)	4.909

Emission Details

Sl. No.	Parameters	Method	Unit	Result	Permissible Limit
1	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C	31	-
2	Stack Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C	93	-
3	Velocity of Fuel Gas	IS: 11255 (Part 3) - 1985 (RA 2014)	m/sec	15.32	-
4	Gas flow rate at Stack Condition	IS-11255(Part 02) (RA 2014)	m^3/hr	270761	-
5	Gas flow rate at NTP	IS-11255(Part 02) (RA 2014)	Nm^3/hr	220876	-
6	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2014)	mg/Nm^3	103.18	150
7	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	34.78	-
8	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2017)	mg/Nm^3	28.49	-
9	Carbon Monoxide	GEMS/SOP/69	%	0.059	-
10	Oxygen (O_2)	GEMS/SOP/70	%	17.64	-

Note: NS- Not Specified, RA: Reaffirmed, **INFERENCE:** The Measured Values are within the limits.

****End of the Report****

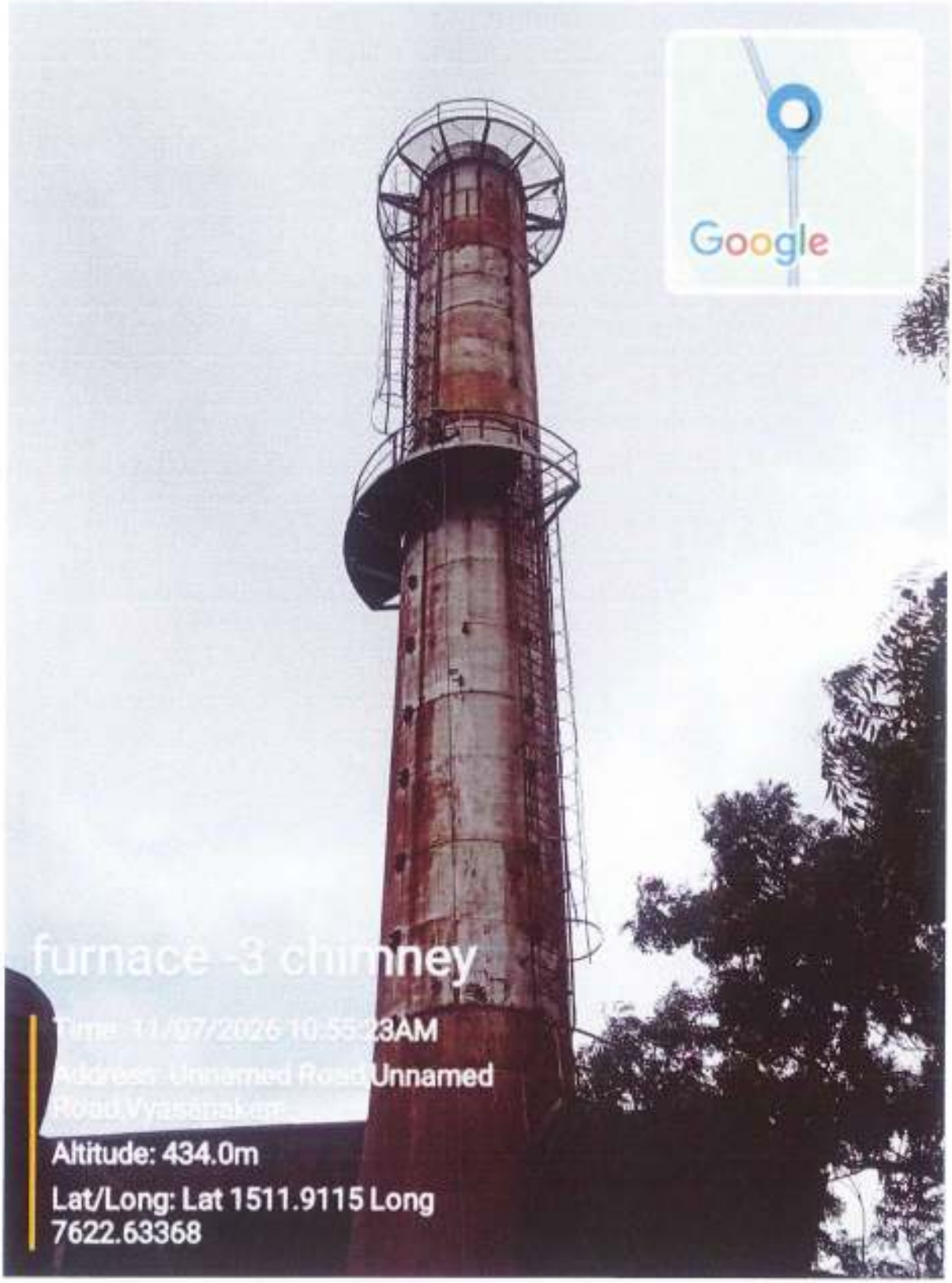
Lakshmi B.S
Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gu
Quality Ma

Note:
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Google
furnace -3 chimney
Time: 11/07/2026 10:55:23AM
Address: Unnamed Road,Unnamed Road,Vyasamakur
Altitude: 434.0m
Lat/Long: Lat 1511.9115 Long 7622.63368

GLOBAL ENVIRONMENT & MINING SERVICES LLP
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HOSAPETE – 583201, Dist., Vijayanagara (Karnataka)
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e-mail : gems_hpt@yahoo.com
Website : www.gemsllp.in

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ANNEXURE-6
GEMS-LD/TF/10/01

Analysis Report of Stack Emission

1	Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
2	Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
3	Sample collected by	:	Global Environment & Mining Services LLP, Hosapete
4	Particulars of sample collected	:	Stack Kit (Greentech Instruments) Sl. No: Stack Monitoring Kit/ **114-DTG-2016**
5	Instrument Details	:	Calibration Date: 25.04.2026 Calibration Due Date: 24.04.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Stack Attached to Furnace - 5**
10	Month of Sampling	:	**JULY-2026**
11	Date of Monitoring	:	**11.07.2026**
12	Date of Sample Received	:	11.07.2026
13	Sample Code	:	**3288**
14	Date of Sample Analysis	:	11.07.2026
15	Date of Sample Analysis completion	:	11.07.2026
16	Report Number	:	**ULR-TC161802600002749F**
17	Report Issued Date	:	**03.08.2026**

Stack Details

1	Fuel Used	-
2	Stack Height (m)	35
3	Stack Diameter (m)	3.0
4.	Cross Sectional Area (m^2)	7.071

Emission Details

Sl. No.	Parameters	Method	Unit	Result	Permissible Limit
1	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C	32	-
2	Stack Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C	105	-
3	Velocity of Fuel Gas	IS: 11255 (Part 3) - 1985 (RA 2014)	m/sec	16.54	-
4	Gas flow rate at Stack Condition	IS-11255(Part 02) (RA 2014)	m^3/hr	420946	-
5	Gas flow rate at NTP	IS-11255(Part 02) (RA 2014)	Nm^3/hr	332477	-
6	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2014)	mg/Nm^3	105.84	150
7	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	61.13	-
8	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2017)	mg/Nm^3	40.28	-
9	Carbon Monoxide	GEMS/SOP/69	%	0.039	-
10	Oxygen (O_2)	GEMS/SOP/70	%	20.56	-

Note: NS- Not Specified, RA: Reaffirmed, **INFERENCE:** The Measured Values are within the limits.

****End of the Report****

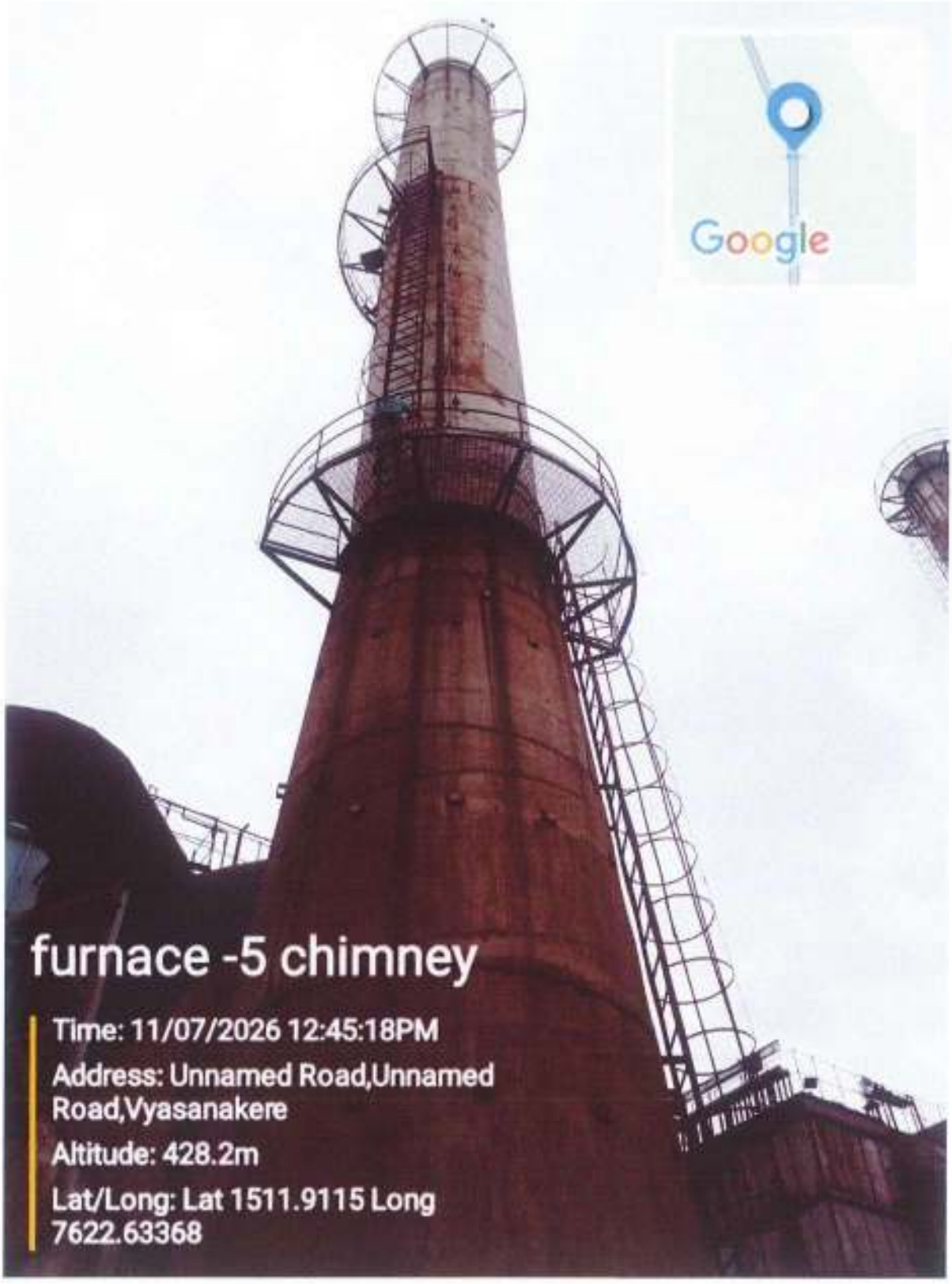
Lakshmi B.S
Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulhane
Quality Manager

Global Environment & Mining Services HOSPET

Note:
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Google
furnace -5 chimney
Time: 11/07/2026 12:45:18PM
Address: Unnamed Road,Unnamed Road,Vyasanakere
Altitude: 428.2m
Lat/Long: Lat 1511.9115 Long 7622.63368

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Website : www.gemsllp.in

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ANNEXURE-7
GEMS-LD/TF/10/01

Analysis Report of Stack Emission

1	Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
2	Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
3	Sample collected by	:	Global Environment & Mining Services LLP, Hosapete
4	Particulars of sample collected	:	Stack Kit (Greentech Instruments) Sl. No: Stack Monitoring Kit/ **114-DTG-2016**
5	Instrument Details	:	Calibration Date: 25.04.2026 Calibration Due Date: 24.04.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Stack Attached to WHRB-01**
10	Month of Sampling	:	**JULY-2026**
11	Date of Monitoring	:	17.07.2026
12	Date of Sample Received	:	17.07.2026
13	Sample Code	:	3400
14	Date of Sample Analysis	:	17.07.2026
15	Date of Sample Analysis completion	:	17.07.2026
16	Report Number	:	**ULR-TC161802600000277 3F**
17	Report Issued Date	:	**03.08.2026**

Stack Details

1	Fuel Used	-
2	Stack Height (m)	60
3	Stack Diameter (m)	4.6
4.	Cross Sectional Area (m^2)	16.62

Emission Details

Sl. No.	Parameters	Method	Unit	Result	Permissible Limit
1	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	℃	32	-
2	Stack Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	℃	176	-
3	Velocity of Fuel Gas	IS: 11255 (Part 3) - 1985 (RA 2014)	m/sec	7.91	-
4	Gas flow rate at Stack Condition	IS-11255(Part 02) (RA 2014)	m^3/hr	473304	-
5	Gas flow rate at NTP	IS-11255(Part 02) (RA 2014)	Nm^3/hr	313461	-
6	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2014)	mg/Nm^3	42.59	50
7	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	356.88	800
8	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2017)	mg/Nm^3	242.95	500
9	Carbon Monoxide	GEMS/SOP/69	%	0.29	Max1%
10	Oxygen (O_2)	GEMS/SOP/70	%	18.34	-

Note: NS- Not Specified, RA: Reaffirmed, **INFERENCE:** The Measured Values are within the limits.

****End of the Report****

Analysed By
Lakshmi B S
Chemist

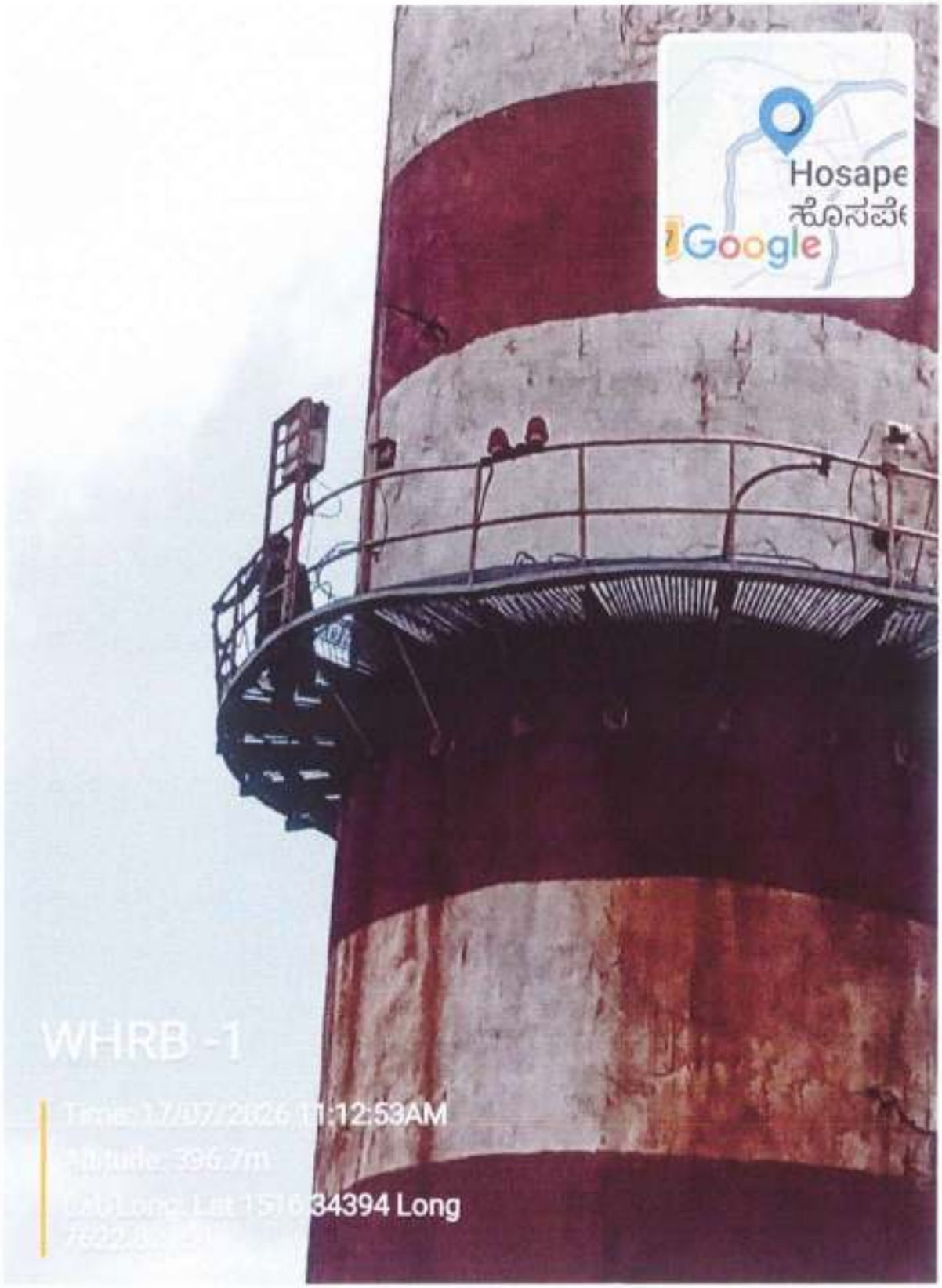
Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gull[illegible]
Quality Manager

Global Environment & Mining Services HOSPET

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Website : www.gemsllp.in

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ANNEXURE-8
GEMS-LD/TF/10/01

Analysis Report of Stack Emission

1	Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
2	Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
3	Sample collected by	:	Global Environment & Mining Services LLP, Hosapete
4	Particulars of sample collected	:	Stack Kit (Greentech Instruments) Sl. No: Stack Monitoring Kit/ **114-DTG-2016**
5	Instrument Details	:	Calibration Date: 25.04.2026 Calibration Due Date: 24.04.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Stack Attached to WHRB-02**
10	Month of Sampling	:	**JULY-2026**
11	Date of Monitoring	:	-
12	Date of Sample Received	:	-
13	Sample Code	:	-
14	Date of Sample Analysis	:	-
15	Date of Sample Analysis completion	:	-
16	Report Number	:	-
17	Report Issued Date	:	-

Stack Details

1	Fuel Used	-
2	Stack Height (m)	60
3	Stack Diameter (m)	4.6
4.	Cross Sectional Area (m^2)	16.62

Emission Details

Sl. No.	Parameters	Method	Unit	Result	Permissible Limit
1	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C	Shutdown	-
2	Stack Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C		-
3	Velocity of Fuel Gas	IS: 11255 (Part 3) - 1985 (RA 2014)	m/sec		-
4	Gas flow rate at Stack Condition	IS-11255(Part 02) (RA 2014)	m^3/hr		-
5	Gas flow rate at NTP	IS-11255(Part 02) (RA 2014)	Nm^3/hr		-
6	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2014)	mg/Nm^3		50
7	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3		800
8	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2017)	mg/Nm^3		500
9	Carbon Monoxide	GEMS/SOP/69	%		Max1%
10	Oxygen (O_2)	GEMS/SOP/70	%		-

Note: NS- Not Specified, RA: Reaffirmed, **INFERENCE:**

****End of the Report****

Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulhane
Quality Manager

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ANNEXURE-09
GEMS-LD/TF/10/01

Analysis Report of Stack Emission

1	Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
2	Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
3	Sample collected by	:	Global Environment & Mining Services LLP, Hosapete
4	Particulars of sample collected	:	Stack Kit (Greentech Instruments) Sl. No: Stack Monitoring Kit/ **114-DTG-2016**
5	Instrument Details	:	Calibration Date: 25.04.2026 Calibration Due Date: 24.04.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Stack Attached to Coal Crushing**
10	Month of Sampling	:	**JULY-2026**
11	Date of Monitoring	:	04.07.2026
12	Date of Sample Received	:	04.07.2026
13	Sample Code	:	3042
14	Date of Sample Analysis	:	04.07.2026
15	Date of Sample Analysis completion	:	04.07.2026
16	Report Number	:	**ULR-TC16180260000002928F**
17	Report Issued Date	:	**03.08.2026**

Stack Details

1	Fuel Used	-
2	Stack Height (m)	15
3	Stack Diameter (m)	0.7
4.	Cross Sectional Area (m^2)	0.3850

Emission Details

Sl. No.	Parameters	Method	Unit	Result	Permissible Limit
1	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C	29	-
2	Stack Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C	32	-
3	Velocity of Fuel Gas	IS: 11255 (Part 3) - 1985 (RA 2014)	m/sec	5.23	-
4	Gas flow rate at Stack Condition	IS-11255(Part 02) (RA 2014)	m^3/hr	7246	-
5	Gas flow rate at NTP	IS-11255(Part 02) (RA 2014)	Nm^3/hr	7019	-
6	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2014)	mg/Nm^3	39.19	50

Note: NS- Not Specified, RA: Reaffirmed, **INFERENCE:** The Measured Values are within the limits.

****End of the Report****

Lakshmi B. S
Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulhane
Quality Manager

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Website : www.gemsllp.in
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ANNEXURE-10
GEMS-LD/TF/10/01

Analysis Report of Stack Emission

1	Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
2	Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
3	Sample collected by	:	Global Environment & Mining Services LLP, Hosapete
4	Particulars of sample collected	:	Stack Kit (Greentech Instruments) Sl. No: Stack Monitoring Kit/ **114-DTG-2016**
5	Instrument Details	:	Calibration Date: 25.04.2026 Calibration Due Date: 24.04.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Stack Attached to Coke Cutter**
10	Month of Sampling	:	**JULY-2026**
11	Date of Monitoring	:	04.07.2026
12	Date of Sample Received	:	04.07.2026
13	Sample Code	:	3043
14	Date of Sample Analysis	:	04.07.2026
15	Date of Sample Analysis completion	:	04.07.2026
16	Report Number	:	**ULR-TC161802600000 2929F**
17	Report Issued Date	:	**03.08.2026**

Stack Details

1	Fuel Used	-
2	Stack Height (m)	15
3	Stack Diameter (m)	0.7
4.	Cross Sectional Area (m^2)	0.3850

Emission Details

Sl. No.	Parameters	Method	Unit	Result	Permissible Limit
1	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C	30	-
2	Stack Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C	34	-
3	Velocity of Fuel Gas	IS: 11255 (Part 3) - 1985 (RA 2014)	m/sec	5.38	-
4	Gas flow rate at Stack Condition	IS-11255(Part 02) (RA 2014)	m^3/hr	7454	-
5	Gas flow rate at NTP	IS-11255(Part 02) (RA 2014)	Nm^3/hr	7173	-
6	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2014)	mg/Nm^3	43.76	50

Note: NS- Not Specified, RA: Reaffirmed, **INFERENCE:** The Measured Values are within the limits.

****End of the Report****

Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulhane
Quality Manager

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ANNEXURE-11
GEMS-LD/TF/10/01

Analysis Report of Stack Emission

1	Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
2	Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
3	Sample collected by	:	Global Environment & Mining Services LLP, Hosapete
4	Particulars of sample collected	:	Stack Kit (Greentech Instruments) Sl. No: Stack Monitoring Kit/ **114-DTG-2016**
5	Instrument Details	:	Calibration Date: 25.04.2026 Calibration Due Date: 24.04.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Stack Attached to Coke Screening & Store**
10	Month of Sampling	:	**JULY-2026**
11	Date of Monitoring	:	04.07.2026
12	Date of Sample Received	:	04.07.2026
13	Sample Code	:	3044
14	Date of Sample Analysis	:	04.07.2026
15	Date of Sample Analysis completion	:	04.07.2026
16	Report Number	:	**ULR-TC161802600002930F**
17	Report Issued Date	:	**03.08.2026**

Stack Details

1	Fuel Used	-
2	Stack Height (m)	15
3	Stack Diameter (m)	0.7
4.	Cross Sectional Area in meter square	0.3850

Emission Details

Sl. No.	Parameters	Method	Unit	Result	Permissible Limit
1	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C	30	-
2	Stack Temperature	IS: 11255 (Part 1) - 1985 (RA 2014)	°C	36	-
3	Velocity of Fuel Gas	IS: 11255 (Part 3) - 1985 (RA 2014)	m/sec	5.52	-
4	Gas flow rate at Stack Condition	IS-11255(Part 02) (RA 2014)	m^3/hr	7745	-
5	Gas flow rate at NTP	IS-11255(Part 02) (RA 2014)	Nm^3/hr	7331	-
6	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2014)	mg/Nm^3	36.44	50

Note: NS- Not Specified, RA: Reaffirmed, **INFERENCE:** The Measured Values are within the limits.

****End of the Report****

Lakshmi B.S

Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

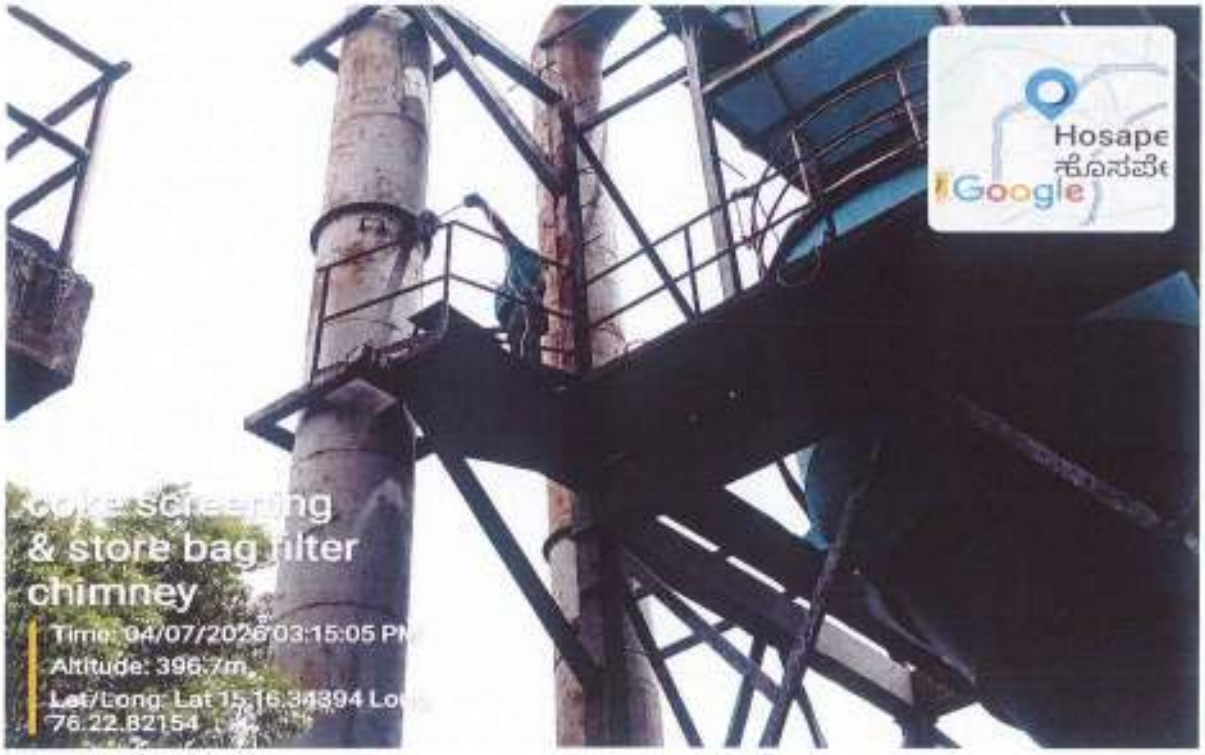
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coal crushing bag filter chimney


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coke cutter bag filter chimney
Time: 04/07/2026 12:35:02PM
Altitude: 396.7m
Lat/Long: Lat 1516.34394 Long 7622.82154


Hosape
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Google
& store bag filter chimney
Altitude: 396.7m

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Website : www.gemsllp.in
TC-16180

ANNEXURE-12
GEMS-LD/TF/08/01

AMBIENT NOISE LEVEL MONITORING REPORT

Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
Sample collected by	:	Global Environment & Mining Services LLP
Discipline	:	Chemical
Group	:	Atmospheric Pollution
Sample Type	:	Noise Level Monitoring
Particulars of Sample Collected	:	Lutron: SL- 4023SD Sl. No: Q679953
Instrument Details	:	Date of Calibration:16.12.2025 Calibration Due Date:15.12.2026
Month	:	**JULY-2026**
Duration of the Monitoring	:	24 Hrs.
Report Issue Date	:	**03.08.2026**
Method Adopted	:	IS 9989-1981 Reaffirmed 2014
Report No	:	**ULR-TC161802600000291 7F**

Sl. No	Location	Date of Monitoring	Noise Level dB (A)							
			Day Time (06.00 Am to 10.00 Pm)			Standard	Night Time (10.00 Pm to 06.00 Am)			Standard
			Min	Max	Avg		Min	Max	Avg	
	Industrial Area									
N1	Near Existing AAQMS 01 (SMIORE Schools)	03.07.2026	54.1	65.8	59.9	75	42.9	50.9	46.9	70
N2	Near Water Reservoir (WTP Plant)	04.07.2026	53.5	66.2	59.85		46.3	56.2	52.25	
	Residential Area									
N3	Galemmanigudi	24.07.2026	44.9	54.6	49.75	55	36.1	42.2	39.15	45
N4	Vyasanakere Village	10.07.2026	42.4	55.8	49.1		33.6	43.1	38.35	
N5	Hanumana Halli	17.07.2026	42.5	53.5	48.38		34.5	43.5	39.17	

INFERENCE	As per CPCB Standards, Report Status: - Measured Values for the above parameters are within the limit.

**End of the Report*

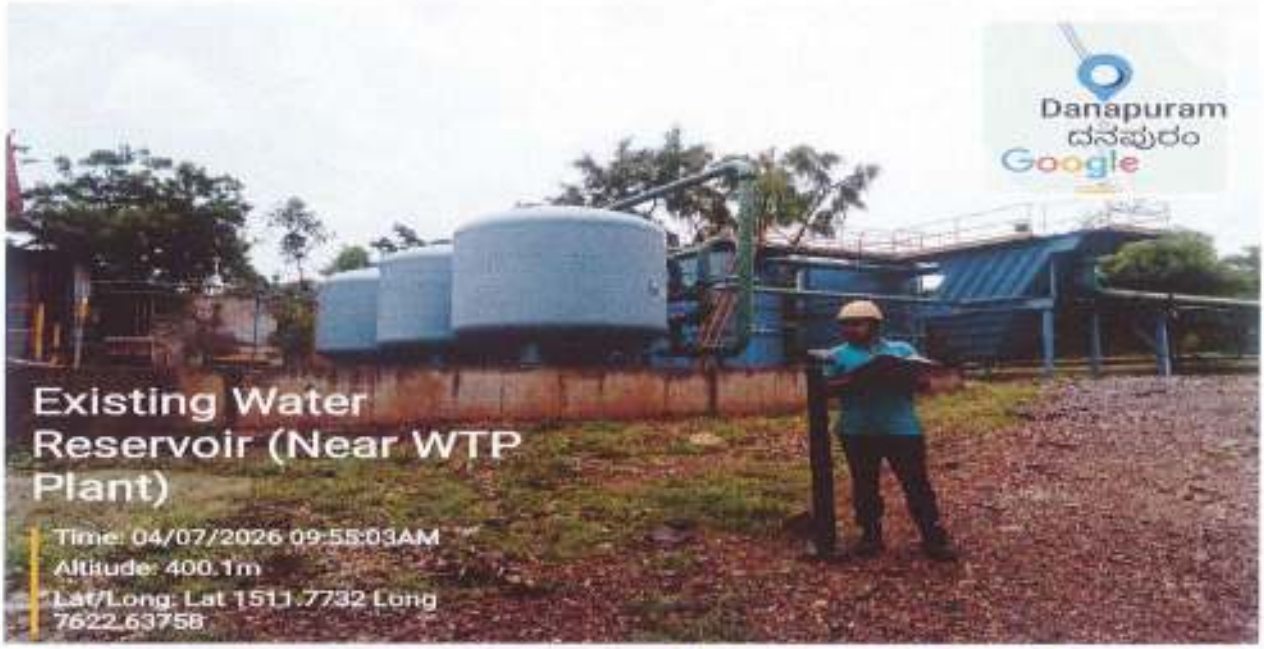
Authorized Signatory
Dr.D.N.Gulhane
Quality Manager

Area code	Category of Area	Limit in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Area	50	40

Note:
1. The result listed refers only to the tested samples & applicable parameters. Endorsement of products is neither inferred nor implied.
2. Water Samples will be destroyed after 7Days. Waste Water After Analysis Discard the Samples. Minerals 3 Months, Filter papers & Thimbles After analysis Discard 7 days.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should not use any advertising media without special permission in writing.
4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Hosapete jurisdiction only.
5. Recognised by Ministry of Environment, Forest, and Climate Change for Laboratory
6. Recognised by Government of Karnataka, Maharashtra, Goa for DGPS survey

SMIORE

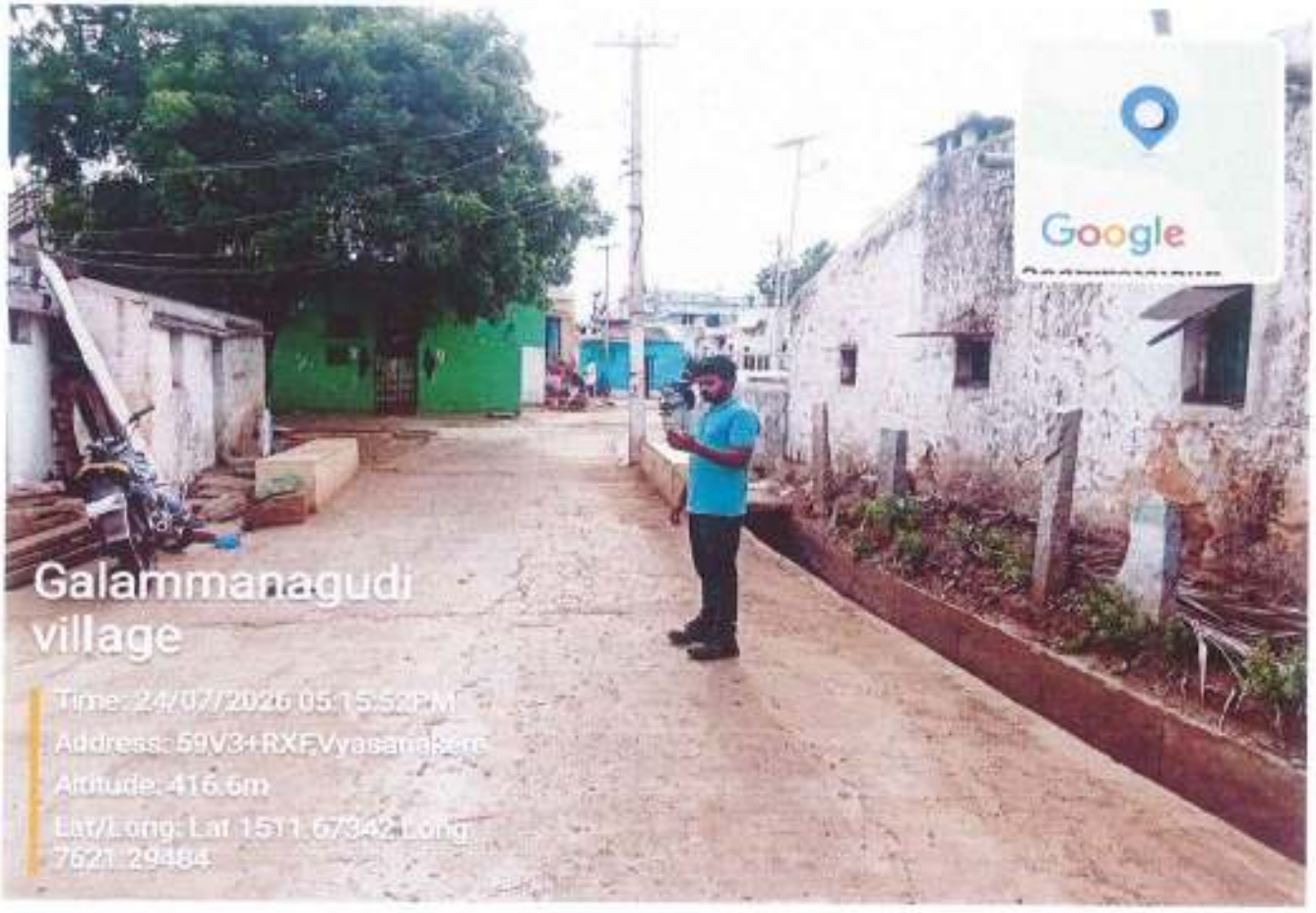

SMIORE SCHOOL
Time: 03/07/2026 09:34:27AM
Address: 87JP+VX Hosapete
Altitude: 420.3m
Lat/Long: Lat 1519.9386 Long
7617.23422


Existing Water Reservoir (Near WTP Plant)
Time: 04/07/2026 09:55:03AM
Altitude: 400.1m
Lat/Long: Lat 1511.7732 Long
7622.63758


Vyasanakere village
Address: 59V3+RXF Vyasanakere
Altitude: 419.4m
Lat/Long: Lat 1511.67342 Long
7621.29484

SMIORE


Google
Hanumanahalli village
Time: 17/07/2026 03:34:26PM
Address: Unnamed Road,Unnamed Road,Vyasanakere
Altitude: 364.6m
Lat/Long: Lat 1511.9115 Long 7622.63368


Google
Galammanagudi village
Time: 24/07/2026 05:15:52PM
Address: 59V3+RXF,Vyasanakere
Altitude: 416.6m
Lat/Long: Lat 1511.67342 Long 7621.29484

GLOBAL ENVIRONMENT & MINING SERVICES LLP
(Consulting Engineers, Mine designers, Geologist & Surveyors)
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TC-16180

ANNEXURE-13
GEMS-LD/TF/23/01

Analysis Report of Water Quality Data

1	Name of the Industry	:	**M/s. The Sandur Manganese & Iron Ores Ltd.** (Metal & Ferro Alloys Plant), Vyasanakere, Hanumanahalli Village, Hospet Taluk, Vijayanagara Dist., Karnataka
2	Customer Reference	:	Workorder No.4200011817 Dated:20.08.2025
3	Sample collected by	:	Global Environment & Mining Services LLP
4	Particulars of sample collected	:	Composite Sampling
5	Sampling Procedure	:	GEMS-LD/SOP/32
6	Discipline	:	Chemical
7	Group	:	Pollution & Environment
8	Sample Type	:	**Sewage Treatment Plant (Outlet)**
9	Sample code		**3426**
10	Date of Sampling	:	11.07.2026
11	Sample Received	:	11.07.2026
12	Date of Analysis	:	11.07.2026
13	Date of Analysis Completion	:	15.07.2026
14	Report Issue Date	:	**03.08.2026**
15	Report Number	:	**ULR-TC161802600000027 74F**

Sl. No.	Parameters	Protocol	Unit	Results	As per KSPCB Std
1.	pH	APHA 24th Edition 4500 H +B: 2023	-	7.84	6.5 to 9.0
2.	Total Suspended Solids	APHA 24th Edition 2540 D: 2023	mg/L	8	<20
3.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 PART 44: 2023	mg/L	7	<10
4.	Chemical Oxygen Demand as COD	APHA 24th Edition 5220 B: 2023	mg/L	24.12	<50

Note: BDL-Below detectable Limit, **INFERENCE:** The Measured values are within the Limit.

****End of the Report****

Analysed By
Lakshmi B S
Chemist

Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulhane
Quality Manager

Note:
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ANNEXURE-13
GEMS-LD/TF/23/01

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13	Date of Analysis Completion	:	15.07.2026
14.	Report Issue Date	:	**03.08.2026**
15	Report Number	:	**GEMS/ SMIORE /STP/2026-27/2774**

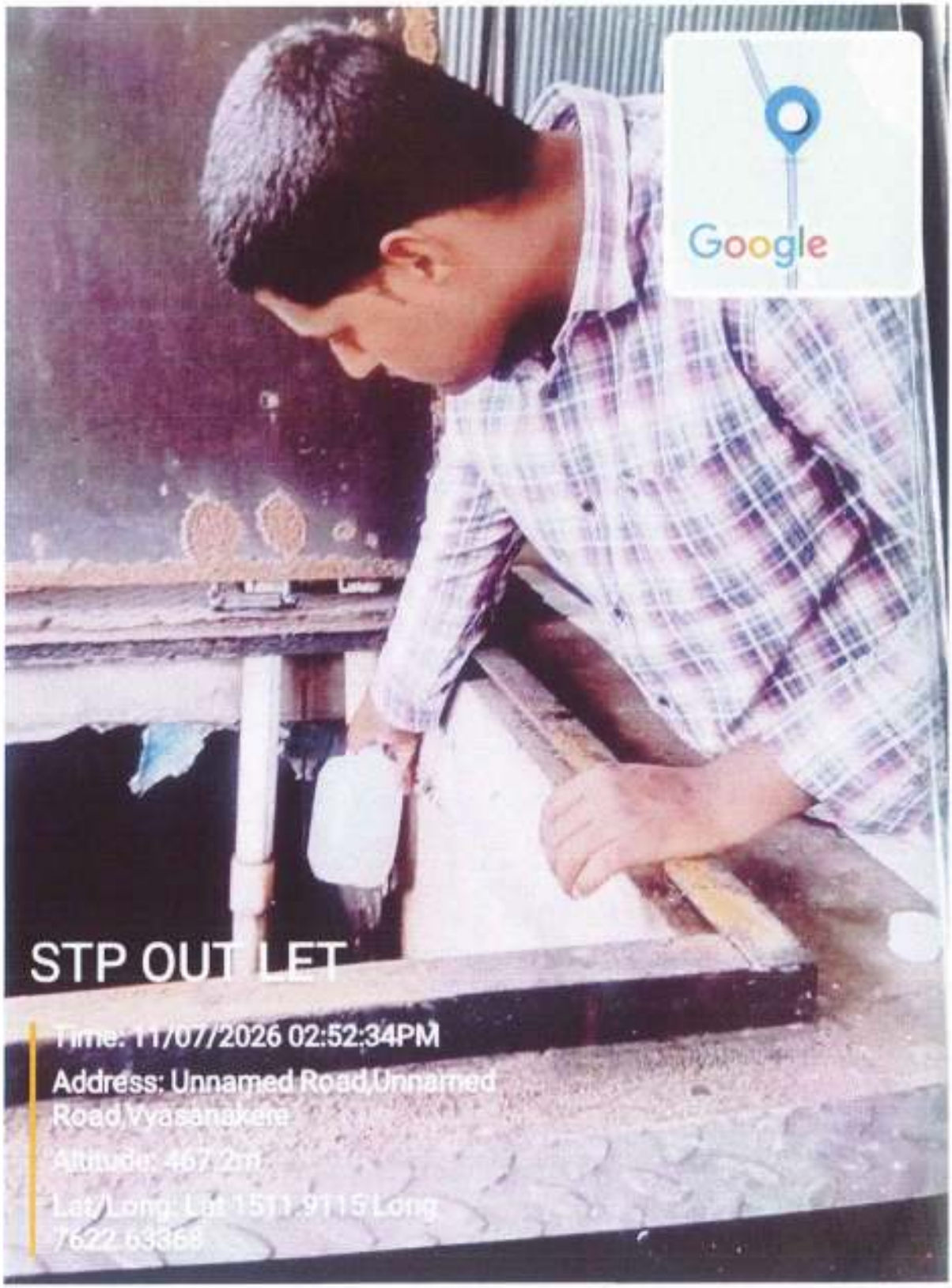
Sl. No.	Parameters	Protocol	Unit	Results	As per KSPCB Std
5	Ammonical nitrogen as N	IS:3025 (part 34)-1988, RA-2023	mg/l.	0.58	<5
6	Total Nitrogen as N	IS:3025 (part 34)-1988, RA-2023	mg/l.	1.86	<10
7	Fecal coliform	APHA 24th Edition 9222 B :2023	MPN/ 100ml	28	Less than 100

Note: BDL-Below detectable Limit. **INFERENCE:** The Measured values are within the Limit.

Lakshmi B S
Analysed By
Lakshmi B S
Chemist

S.Venkatesh
Verified By
S.Venkatesh
Asst. General Manager

Authorized Signatory
Dr.D.N.Gulbarge
Quality Manager


Google
STP OUT LET
Time: 11/07/2026 02:52:34PM
Address: Unnamed Road,Unnamed Road,Vyasanakere
Altitude: 467.2m
Lat/Long: Lat 15[illegible].9115 Long 7622.63368