

ENVIRONMENTAL MONITORING REPORT

Project	Ramanadurga Iron Ore Mine ML NO. 2141
Location	Dharmapura Village, Sandur Taluk, Ballari District, Karnataka
Client	M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd.,
Office Address	D. No. 462, SMIORE Colony, Near Fire Station, Kudligi Road Sandur – 583119, Bellary, Karnataka
Monitoring Month	January, 2026

ENVIRONMENTAL LABORATORY **(Unit of Mineral Engineering Services LLP)**

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	: M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd				
Name of the Project	: Ramanadurga Iron Ore Mine (ML No. 2141)				
Location	: Dharmapura Village, Sandur Taluk, Ballari District, Karnataka				
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)				
Code & Station	: AI - Dharmapura				
Duration	: 24 Hrs				
Issue date	: 02.02.2026				
Sampling & Test Method	: 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	
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)
05.01.2026	N011826012	11	13	47	23
06.01.2026	N015726012	9	11	49	25
16.01.2026	N027226013	7	12	53	28
17.01.2026	N000726014	12	15	45	22
19.01.2026	N005026014	14	18	47	26
20.01.2026	N008526014	11	13	56	32
28.01.2026	N018226015	9	15	52	28
29.01.2026	N023226015	10	12	43	24
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs

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

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Table No. 2

AMBIENT AIR QUALITY

Name of the Client	: M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd				
Name of the Project	: Ramanadurga Iron Ore Mine (ML No. 2141)				
Location	: Dharmapura Village, Sandur Taluk, Ballari District, Karnataka				
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)				
Code & Station	: All - Yeshwanthanagar				
Duration	: 24 Hrs				
Issue date	: 02.02.2026				
Sampling & Test Method : 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	
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)
09.01.2026	N027826012	13	18	52	29
10.01.2026	N001926013	12	16	49	27
12.01.2026	N008226013	11	14	54	28
13.01.2026	N014926013	7	11	45	23
23.01.2026	N020426014	9	13	51	27
24.01.2026	N001526015	10	15	53	29
26.01.2026	N007726015	13	18	47	24
27.01.2026	N013026015	9	13	41	21
NAAQS Limits for Industrial, Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs

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Table No. 3

AMBIENT AIR QUALITY

Name of the Client	: M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd				
Name of the Project	: Ramanadurga Iron Ore Mine (ML No. 2141)				
Location	: Dharmapura Village, Sandur Taluk, Ballari District, Karnataka				
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)				
Code & Station	: AIII - Sushila Nagar village				
Duration	: 24 Hrs				
Issue date	: 02.02.2026				
Sampling & Test Method : 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	
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)
07.01.2026	N022526012	7	10	58	32
08.01.2026	N023026012	6	11	54	28
12.01.2026	N008626013	11	14	47	24
13.01.2026	N013826013	12	16	50	26
21.01.2026	N011126014	14	18	53	27
22.01.2026	N015426014	10	14	48	24
28.01.2026	N018426015	9	11	40	22
29.01.2026	N023426015	12	16	56	30
NAAQS Limits for Industrial, Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs

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Table No. 4

AMBIENT AIR QUALITY

Name of the Client : M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd
Name of the Project : Ramanadurga Iron Ore Mine (ML No. 2141)
Location : Dharmapura Village, Sandur Taluk, Ballari District, Karnataka
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Code & Station : AIV - Sandur
Duration : 24 Hrs
Issue date : 02.02.2026
Sampling & Test Method : 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	
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)
07.01.2026	N022326012	12	16	47	25
08.01.2026	N026826012	10	14	54	28
16.01.2026	N030726013	8	12	55	30
17.01.2026	N004226014	10	15	42	22
21.01.2026	N015226014	7	11	50	26
22.01.2026	N019426014	9	13	54	28
28.01.2026	N022426015	10	12	48	25
29.01.2026	N027526015	9	14	51	27
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs

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Table No. 5

AMBIENT AIR QUALITY

Name of the Client	: M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd				
Name of the Project	: Ramanadurga Iron Ore Mine (ML No. 2141)				
Location	: Dharmapura Village, Sandur Taluk, Ballari District, Karnataka				
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)				
Code & Station	: AV - Core zone Within ML Area				
Duration	: 24 Hrs				
Issue date	: 02.02.2026				
Sampling & Test Method	: 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	
				PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)
07.01.2026	N022626012	9	13	50	27
08.01.2026	N023126012	9	15	54	30
12.01.2026	N008726013	12	18	56	32
13.01.2026	N013926013	11	16	47	25
21.01.2026	N011226014	9	12	43	20
22.01.2026	N015526014	10	14	52	27
28.01.2026	N018526015	12	18	49	25
29.01.2026	N023526015	9	12	40	22
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs

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Table No. 6

Fugitive Emission

Name of the Client	: M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd		
Name of the Project	: Ramanadurga Iron Ore Mine (ML No. 2141)		
Location	: Dharmapura Village, Sandur Taluk, Ballari District, Karnataka		
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)		
Duration	: 08 Hrs		
Issue Date	: 02.02.2026		
Code & Station	Date of sample	Report No	Particulate mater ($\mu\text{g}/\text{m}^3$)
FE1 - Loading point	07.01.2026	N018926012	356
	12.01.2026	N008826013	370
FE2 - Crushing & Screening	07.01.2026	N019026012	425
	12.01.2026	N008926013	391
FE3 - Dumping point	08.01.2025	N022826012	425
	13.01.2026	N015426013	485
FE4 - Haulage Road	08.01.2026	N023226012	463
	13.01.2026	N015526013	455
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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Table No. 7

STATISTICAL AIR QUALITY DATA

Name of the Client : M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd												
Name of the Project : Ramanadurga Iron Ore Mine (ML No. 2141)												
Month : January, 2026												
	AI - Dharmapura				All - Yeshwanthanagar				AIII - Sushila Nagar village			
	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
Min.	7	10	43	22	7	11	41	21	6	10	40	22
10%	8	11	44	23	8	12	44	22	7	11	45	23
25%	9	12	47	24	9	13	47	24	9	11	48	24
50%	11	13	48	26	11	15	50	27	11	14	52	27
75%	11	15	52	28	12	17	52	28	12	16	55	29
98%	14	18	56	31	13	18	54	29	14	18	58	32
Max.	14	18	56	32	13	18	54	29	14	18	58	32
Avg.	11	13	49	26	11	15	49	26	10	14	51	27
SD	2	3	4	3	2	2	4	3	3	3	6	3
No. of obs	8				8				8			
	AIV - Sandur Town				AV - Core zone Within ML Area							
	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}				
Min.	7	11	42	22	9	12	40	20				
10%	8	12	46	24	9	12	42	21				
25%	9	12	48	25	9	13	46	24				
50%	10	14	51	27	10	15	50	26				
75%	10	14	54	28	11	17	53	28				
98%	12	16	55	30	12	18	56	32				
Max.	12	16	55	30	12	18	56	32				
Avg.	9	13	50	26	10	15	49	26				
SD	2	2	4	2	1	2	5	4				
No. of obs	8				8							

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TEST REPORT

NOISE LEVEL DATA

Table No.8

Report No : ELMES026109

Name of the Client	: M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd
Name of the Project	: Ramanadurga Iron Ore Mine (ML No. 2141)
Location	: Dharmapura Village, Sandur Taluk, Ballari District, Karnataka
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Particulars of Sample	: Sound levels
Issue Date	: 02.02.2026
Sampling	: IS : 9989 & CPCB Guidelines

Buffer zone

Code No.	Monitoring stations	Date of Monitoring	Day			Night		
			L _{min}	L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}
N1	Dharmapura	19.01.2026	40.0	51.6	58.2	34.0	42.8	48.0
N2	Yeshwanthanagar	20.01.2026	37.3	51.4	58.6	35.0	43.5	47.2
N3	Bavihalli village	19.01.2026	36.5	52.4	56.8	34.0	43.0	46.8

Corezone

Code No.	Monitoring stations	Date of Monitoring	Day			Night		
			L _{min}	L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}
N5	Core zone Near Mine	12.10.2025	42.0	64.7	74.0	35.0	49.1	55.0
N6	Loading Area	12.10.2025	44.0	63.3	82.0	During operation		
N7	Dumping Area	12.10.2025	45.0	69.0	88.0	During operation		

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
Silence area	50	40

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TEST REPORT

Table No.9

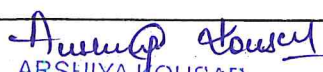
Name of the Client	: M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd
Name of the Project	: Ramanadurga Iron Ore Mine (ML No. 2141)
Location	: Dharmapura Village, Sandur Taluk, Ballari District, Karnataka
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Nature of sample	: Surface water
Sample Location	: SW1 - Nari Halla Up Stream water, SW2 - Nari Halla Down Stream water
Date of sample collection	: 08.01.2026
Date of sample receipt	: 09.01.2026
Issue Date	: 02.02.2026
Ref : IS : 2296 Water Quality Standards	

Report No		M002126012	M002226012	Limits	Method of Testing
Sample Code		SW1	SW2		
Sl.No.	Parameters	Results			
1	Colour (Hazen Units)	10	20	300	IS 3025 (Part 4) 2021
2	pH	8.35	8.38	6.5 to 8.5	IS 3025 (Part 11) 2022
3	Dissolved Oxygen (as O ₂), mg/l	5.40	5.50	Min 4	IS 3025 (Part 38):1989 RA 2019
4	Biochemical Oxygen Demand (as O ₂), mg/l	<3	<3	Max 3	IS 3025 (Part 44) 2023
5	Total Coliform (MPN/100ml)	90	96	5000	IS 15185 2016 RA 2021
6	Total Dissolved Solids, (mg/l)	1044	958	1500	IS 3025 (Part 16) 2023
7	Chloride (as Cl),mg/l	320.0	290.0	600	IS 3025 (Part 32) :1988 RA 2019
8	Sulphates as SO ₄ (mg/l)	70.0	60.0	400	APHA (24th Edition) :4110B
9	Nitrates (as NO ₃),mg/l	40.00	39.00	50	IS 3025 (Part 34-Sec1) 2023
10	Fluoride (as F),mg/l	0.96	0.92	1.5	IS 3025 (Part 60-Sec1) 2023
11	Copper (as Cu),mg/l	<0.0005	<0.0005	1.5	IS 3025 (Part 65) 2022
12	Iron (as Fe),mg/l	<0.005	<0.005	50	IS 3025 (Part 65) 2022
13	Zinc (as Zn),mg/l	<0.005	<0.005	15	IS 3025 (Part 65) 2022
14	Total Arsenic (as As), (mg/l)	<0.0005	<0.0005	0.2	IS 3025 (Part 65) 2022
15	Lead (as Pb), mg/l	<0.0005	<0.0005	0.1	IS 3025 (Part 65) 2022
16	Cadmium (as Cd), mg/l,	<0.0005	<0.0005	0.01	IS 3025 (Part 65) 2022
17	Hexavalent Chromium (as Cr ⁺⁶), mg/l,	<0.03	<0.03	0.05	IS 3025 (Part 52):2019 RA 2023
18	Selenium (as Se), mg/l	<0.0005	<0.0005	0.05	IS 3025 (Part 65) 2022
19	Cyanide (as CN), mg/l,	<0.01	<0.01	0.05	IS 3025 (Part 27/Sec1) 2021
20	Phenolic compounds (as C ₆ H ₅ OH),mg/l	<0.001	<0.001	0.005	IS 3025 (Part 43/Sec1) 2022
21	Anionic detergents (as MBAS),mg/l	<0.1	<0.1	1.0	IS 3025 (Part 68) 2023

Note : Class-C: Drinking water with conventional treatment followed by disinfection.

"END OF REPORT"


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TEST REPORT

Table No. 10

Name of the Client		: M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd					
Name of the Project		: Ramanadurga Iron Ore Mine (ML No. 2141)					
Location		: Dharmapura Village, Sandur Taluk, Ballari District, Karnataka					
Sample Collected by		: Environmental Laboratory (Unit of Mineral Engineering Services LLP)					
Nature of sample		: Ground water					
Sample Location		: GW1 - Dharmapura bore water, GW2 -Yeshwanthanagar bore water GW3 -Sushilanagar Bore water					
Issue Date		: 02.02.2026					
Ref : IS:10500-2012 Norms Amendment - 4 (Drinking Water Standards)							
Date of sample collection		08.01.2026	08.01.2026	08.01.2026	Desirable Limits	Permissible Limits	Method of Testing
Date of sample receipt		09.01.2026	09.01.2026	09.01.2026			
Report No		M002426012	M002526012	M002626012			
Sl. No.	Sample Code	GW1	GW2	GW3			
Parameters		Results					
1	Colour (Hazen Units)	<1	<1	1	5	15	IS 3025 (Part 4) 2021
2	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) 2018
3	pH Value	7.51	7.54	7.35	6.5 to 8.5	6.5 - 8.5	IS 3025 (Part 11) 2022
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) 2023
5	Turbidity,NTU	<0.1	<0.1	<0.1	1	5	IS 3025 (Part 10) 2023
6	Total Dissolved Solids,mg/l	1094.0	1470.0	1276.0	500	2000	IS 3025 (Part 16) 2023
7	Aluminium (as Al)	<0.005	<0.005	<0.005	0.03	0.2	IS 3025 (Part 65) 2022
8	Ammonia (as total Ammonia -N),mg/l	<0.1	<0.1	<0.1	0.5	0.5	IS 3025 (Part 34) Sec 1 2023
9	Anionic Detergents (as MBAS),mg/l	<0.1	<0.1	<0.1	0.2	1.0	IS 3025 (Part 68) 2023
10	Barium (as Ba), mg/l	<0.005	<0.005	<0.005	0.7	0.7	IS 3025 (Part 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	176.30	200.40	160.30	75	200	IS 3025 (Part 40) 2021
13	Chloramines as C12	<0.1	<0.1	<0.1	4	4	Clause 6.1 of IS 3025 (Part 26) 2021
14	Chloride as Cl (mg/l)	240.00	400.00	380.00	250	1000	IS 3025 (Part32):1988 RA 2019
16	Copper (as Cu),mg/l	<0.0005	<0.0005	<0.0005	0.05	1.5	IS 3025 (Part 65) 2022
17	Fluoride (as F),mg/l	1.25	1.30	1.20	1	1.5	IS 3025 (Part 60) Sec1 2022
19	Residual, Free Chlorine,mg/l	<0.1	<0.1	<0.1	0.2	1	IS 3025 (Part 26) 2021
20	Iron (as Fe),mg/l	<0.005	<0.005	<0.005	1.0	1.0	IS 3025 (Part 65) 2022
21	Magnesium (as Mg),mg/l	87.40	77.70	87.50	30	100	IS 3025 (Part 46) 2023
22	Manganese (as Mn),mg/l	<0.001	<0.001	<0.001	0.1	0.3	IS 3025 (Part 65) 2022
23	Mineral Oil,mg/l	<0.5	<0.5	<0.5	1.0	1.0	IS 3025 (Part 39) 2021
24	Nitrates (as NO ₃),mg/l	38.60	43.70	43.50	45	45	IS 3025 (Part 34) Sec 1 2023
25	Phenolics (as C ₆ H ₅ OH),mg/l	<0.001	<0.001	<0.001	0.001	0.002	IS 3025 (Part 43/Sec1) 2022
26	Selenium (as Se),mg/l	<0.0005	<0.0005	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022
27	Silver (as Ag), mg/l	<0.005	<0.005	<0.005	0.1	0.1	IS 3025 (Part 65) 2022
28	Sulphate (as SO ₄),mg/l	145.00	166.00	150.00	200	400	IS 3025 (Part 24/Sec1) 2022
29	Sulphide (as H ₂ S), mg/l	<0.01	<0.01	<0.01	0.05	0.05	IS 3025 (Part 29) 2022
30	Total Alkalinity (as CaCO ₃) mg/l	480.0	440.0	400.0	200	600	IS 3025 Part(23) 2023
31	Total Hardness (as CaCO ₃),mg/l	800.0	820.0	760.0	200	600	IS 3025 (Part 21) -2009 RA 2023
32	Zinc (as Zn),mg/l	<0.005	<0.005	<0.005	5	15	IS 3025 (Part 65) 2022
33	Cadmium (as Cd),mg/l	<0.0005	<0.0005	<0.0005	0.003	0.003	IS 3025 (Part 65) 2022
34	Cyanide (as CN),mg/l	<0.01	<0.01	<0.01	0.05	0.05	IS 3025 (Part 27/Sec1) 2021
35	Lead (as Pb),mg/l	<0.0005	<0.0005	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022
36	Mercury (as Hg),mg/l	<0.0005	<0.0005	<0.0005	0.001	0.001	IS 3025 (Part 65) 2022
37	Molybdenum (as Mo), mg/l	<0.0005	<0.0005	<0.0005	0.07	0.07	IS 3025 (Part 65) 2022
38	Nickel (as Ni),mg/l	<0.01	<0.01	<0.01	0.02	0.02	IS 3025 (Part 65) 2022
39	Arsenic (as As),mg/l	<0.0005	<0.0005	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022
40	Total Chromium (as Cr),mg/l	<0.001	<0.001	<0.001	0.05	0.05	IS 3025 (Part 65) 2022
41	Escherichia coli/100ml	Not Detected	Not Detected	Not Detected	Shall not be detectable in any 100ml Sample		IS 15185 2016 RA 2021
42	Total Coliform /100ml	Not Detected	Not Detected	Not Detected			IS 15185 2016 RA 2021
43	Electrical Conductivity (µmhos/cm)	1920.0	2500.0	2200.0	-	-	IS 3025 (Part 16) 2023

"END OF REPORT"

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ENVIRONMENTAL LABORATORY

(UNIT OF MINERAL ENGINEERING SERVICES LLP)

Recognised by BIS, FSSAI, ISO:45001:2018 Certified Laboratory
Recognised by MoEFCC(CPCB) under E(P) Act 1986 Recognition valid upto 23.05.2028

TEST REPORT

Table No. 11

Name of the Client		: M/s. Sri. Kumaraswamy Mineral Exports Pvt. Ltd				
Name of the Project		: Ramanadurga Iron Ore Mine (ML No. 2141)				
Location		: Dharmapura Village, Sandur Taluk, Ballari District, Karnataka				
Sample Collected by		: Environmental Laboratory (Unit of Mineral Engineering Services LLP)				
Nature of sample		: Drinking water				
Sample Location		: W1 - RO Drinking water Near Mine Office				
Issue Date		: 02.02.2026				
Ref : IS:10500-2012 Norms Amendment - 4 (Drinking Water Standards)						
Date of sample collection		08.01.2026		Desirable Limits	Permissible Limits	Method of Testing
Date of sample receipt		09.01.2026				
Report No		M002326012				
Sl. No.	Sample Code	W1				
	Parameters	Results				
1	Colour (Hazen Units)	<1	5	15	IS 3025 (Part 4) 2021	
2	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) 2018	
3	pH Value	6.61	6.5 to 8.5	6.5 - 8.5	IS 3025 (Part 11) 2022	
4	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) 2023	
5	Turbidity,NTU	<0.1	1	5	IS 3025 (Part 10) 2023	
6	Total Dissolved Solids,mg/l	48.0	500	2000	IS 3025 (Part 16) 2023	
7	Aluminium (as Al)	<0.005	0.03	0.2	IS 3025 (Part 65) 2022	
8	Ammonia (as total Ammonia -N),mg/l	<0.1	0.5	0.5	IS 3025 (Part 34) Sec 1 2023	
9	Anionic Detergents (as MBAS),mg/l	<0.1	0.2	1.0	IS 3025 (Part 68) 2023	
10	Barium (as Ba), mg/l	<0.005	0.7	0.7	IS 3025 (Part 65) 2022	
11	Boron (as B), mg/l	<0.1	0.5	2.4	IS 3025 (Part 57) 2021	
12	Calcium (as Ca),mg/l	2.40	75	200	IS 3025 (Part 40) 2021	
13	Chloramines as C12	<0.1	4	4	Clause 6.1 of IS 3025 (Part 26) 2021	
14	Chloride as Cl (mg/l)	16.00	250	1000	IS 3025 (Part 32):1988 RA 2019	
16	Copper (as Cu),mg/l	<0.0005	0.05	1.5	IS 3025 (Part 65) 2022	
17	Fluoride (as F),mg/l	<0.1	1	1.5	IS 3025 (Part 60) Sec1 2022	
19	Residual, Free Chlorine,mg/l	<0.1	0.2	1	IS 3025 (Part 26) 2021	
20	Iron (as Fe),mg/l	<0.005	1.0	1.0	IS 3025 (Part 65) 2022	
21	Magnesium (as Mg),mg/l	1.45	30	100	IS 3025 (Part 46) 2023	
22	Manganese (as Mn),mg/l	<0.001	0.1	0.3	IS 3025 (Part 65) 2022	
23	Mineral Oil,mg/l	<0.5	1.0	1.0	IS 3025 (Part 39) 2021	
24	Nitrates (as NO ₃),mg/l	<0.1	45	45	IS 3025 (Part 34) Sec 1 2023	
25	Phenolics (as C ₆ H ₅ OH),mg/l	<0.001	0.001	0.002	IS 3025 (Part 43/Sec1) 2022	
26	Selenium (as Se),mg/l	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022	
27	Silver (as Ag), mg/l	<0.005	0.1	0.1	IS 3025 (Part 65) 2022	
28	Sulphate (as SO ₄),mg/l	3.50	200	400	IS 3025 (Part 24/Sec1) 2022	
29	Sulphide (as H ₂ S), mg/l	<0.01	0.05	0.05	IS 3025 (Part 29) 2022	
30	Total Alkalinity (as CaCO ₃) mg/l	16.0	200	600	IS 3025 Part(23) 2023	
31	Total Hardness (as CaCO ₃),mg/l	12.0	200	600	IS 3025 (Part 21) :2009 RA 2023	
32	Zinc (as Zn),mg/l	<0.005	5	15	IS 3025 (Part 65) 2022	
33	Cadmium (as Cd),mg/l	<0.0005	0.003	0.003	IS 3025 (Part 65) 2022	
34	Cyanide (as CN),mg/l	<0.01	0.05	0.05	IS 3025 (Part 27/Sec1) 2021	
35	Lead (as Pb),mg/l	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022	
36	Mercury (as Hg),mg/l	<0.0005	0.001	0.001	IS 3025 (Part 65) 2022	
37	Molybdenum (as Mo), mg/l	<0.0005	0.07	0.07	IS 3025 (Part 65) 2022	
38	Nickel (as Ni),mg/l	<0.01	0.02	0.02	IS 3025 (Part 65) 2022	
39	Arsenic (as As),mg/l	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022	
40	Total Chromium (as Cr),mg/l	<0.001	0.05	0.05	IS 3025 (Part 65) 2022	
41	Escherichia coli/100ml	Not Detected	Shall not be detectable in any 100ml Sample		IS 15185 2016 RA 2021	
42	Total Coliform /100ml	Not Detected			IS 15185 2016 RA 2021	
43	Electrical Conductivity (umhos/cm)	90.0	-	-	IS 3025 (Part 14) :2016 RA 2025	

"END OF REPORT"

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