

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	October-2025

ENVIRONMENTAL LABORATORY

(Unit of Mineral Engineering Services LLP)

(Accredited by NABL & MoEF&CC Under E(P) Act 1986)

#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	: 03.11.2025				
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)
10.10.2025	N023725102	10	13	35	17
11.10.2025	M002825103	11	15	42	24
13.10.2025	M010825103	7	9	50	27
14.10.2025	M016525103	11	10	55	29
24.10.2025	N019625104	10	12	32	15
25.10.2025	N000725105	9	10	41	22
29.10.2025	N021825105	11	16	45	24
30.10.2025	N026725105	8	10	52	28
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	: 03.11.2025				
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)
06.10.2025	N012925102	10	11	43	20
07.10.2025	N016325102	7	9	55	29
17.10.2025	M027625103	10	12	32	20
18.10.2025	N001725104	9	11	41	24
20.10.2025	N007425104	12	13	53	25
21.10.2025	N010125104	7	12	43	23
27.10.2025	N007825105	11	14	50	27
28.10.2025	N014925105	9	11	36	18
NAAQS Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs

Arushi Kousar
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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	: 03.11.2025				
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)
08.10.2025	N018725102	6	10	38	19
09.10.2025	N020825102	9	13	45	28
15.10.2025	M021925103	5	10	53	29
16.10.2025	M024625103	10	12	36	19
24.10.2025	N019825104	9	11	30	17
25.10.2025	N000925105	7	9	37	22
29.10.2025	N022025105	9	12	44	26
30.10.2025	N026925105	11	14	40	19
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 Town				
Duration	: 24 Hrs				
Issue date	: 03.11.2025				
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)
08.10.2025	N018825102	7	11	54	27
09.10.2025	N020925102	9	13	57	31
15.10.2025	M022025103	8	9	55	30
16.10.2025	M024725103	5	10	50	28
24.10.2025	N019925104	9	13	28	16
25.10.2025	N001025105	6	10	35	19
29.10.2025	N022125105	8	11	45	25
30.10.2025	N027025105	6	13	33	17
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	: 03.11.2025				
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)
08.10.2025	N018925102	9	12	47	25
09.10.2025	N021025102	9	10	36	16
15.10.2025	M022125103	8	9	56	30
16.10.2025	M024825103	7	9	48	27
24.10.2025	N020025104	8	10	27	18
25.10.2025	N001125105	9	12	55	28
29.10.2025	N022225105	8	11	45	25
30.10.2025	N027125105	7	10	36	18
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)	
Code & Station	: FE1 - Loading point	
Duration	: 08 Hrs	
Issue date	: 03.11.2025	
Date of sample	Report No	Particulate mater ($\mu\text{g}/\text{m}^3$)
08.10.2025	N019025102	188
15.10.2025	M022225103	252

Code & Station	: FE2 - Crushing & Screening	
Duration	: 08 Hrs	
Date of sample	Report No	Particulate mater ($\mu\text{g}/\text{m}^3$)
09.10.2025	N021125102	396
16.10.2025	M024925103	296

Code & Station	: FE3 - Dumping point	
Duration	: 08 Hrs	
Date of sample	Report No	Particulate mater ($\mu\text{g}/\text{m}^3$)
08.10.2025	N019125102	375
15.10.2025	M022325103	288

Code & Station	: FE4 - Haulage Road	
Duration	: 08 Hrs	
Date of sample	Report No	Particulate mater ($\mu\text{g}/\text{m}^3$)
09.10.2025	N021225102	321
16.10.2025	M025025103	356
Ref	: Environmental (Protection) Rules, 2010 (Sixth Amendment)	
Permissible limits for Fugitive Emissions	Particulate mater ($\mu\text{g}/\text{m}^3$) 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 : October, 2025												
	AI - Dharmapura				AII - 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	9	32	15	7	9	32	18	5	9	30	17
10%	8	10	34	16	7	10	35	19	6	9	34	18
25%	9	10	40	21	9	11	40	20	7	10	37	19
50%	10	11	44	24	10	12	43	24	9	11	39	21
75%	11	14	51	27	10	12	51	26	10	12	44	27
98%	11	16	55	29	12	14	55	29	11	14	52	29
Max.	11	16	55	29	12	14	55	29	11	14	53	29
Avg.	10	12	44	23	9	12	44	23	9	11	40	22
SD	2	3	8	5	2	2	8	4	2	2	7	5
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.	5	9	28	16	7	9	27	16				
10%	6	10	32	17	7	9	33	17				
25%	6	10	35	19	8	10	36	18				
50%	8	11	48	26	8	10	46	25				
75%	8	13	54	29	9	11	50	27				
98%	9	13	57	31	9	12	56	30				
Max.	9	13	57	31	9	12	56	30				
Avg.	7	11	45	24	8	10	44	23				
SD	1	2	11	6	1	1	10	5				
No. of obs	8				8							

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TEST REPORT

NOISE LEVEL DATA

Table No.8

Report No : ELMES062510

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	: 03.11.2025							
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	11.10.2025	39.0	51.6	58.2	35.2	42.2	45.2
N2	Yeshwanthanagar	11.10.2025	40.0	52.1	57.7	35.0	44.3	48.3
N3	Bavihalli village	15.10.2025	36.5	51.5	56.3	34.0	43.1	47.2
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 Mines	16.10.2025	41.0	61.7	70.2	35.0	51.9	58.6
N6	Loading Area	16.10.2025	43.0	62.4	78.0	During operation		
N7	Dumping Area	16.10.2025	45.0	65.1	86.0	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	: 09.10.2025
Date of sample receipt	: 10.10.2025
Issue Date	: 03.11.2025
Ref : IS : 2296 Water Quality Standards	

Report No		M007125102	M007225102	Limits	Method of Testing
Sample Code		SW1	SW2		
Sl.No.	Parameters	Results			
1	Colour (Hazen Units)	5	5	300	IS 3025 (Part 4) 2021
2	pH	7.50	7.77	6.5 to 8.5	IS 3025 (Part 11) 2022
3	Dissolved Oxygen (as O ₂), mg/l	5.40	5.30	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)	103	98	5000	IS 15185 2016 RA 2021
6	Total Dissolved Solids, (mg/l)	500	550	1500	IS 3025 (Part 16) 2023
7	Chloride (as Cl),mg/l	115.0	125.0	600	IS 3025 (Part 32) :1988 RA 2019
8	Sulphates as SO ₄ (mg/l)	60.0	70.0	400	APHA (24th Edition):4110B
9	Nitrates (as NO ₃),mg/l	21.00	22.50	50	IS 3025 (Part 34-Sec1) 2023
10	Fluoride (as F),mg/l	0.79	0.80	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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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				
Issue Date		: 03.11.2025				
Ref		: IS:10500-2012 Norms Amendment - 4 (Drinking Water Standards)				
Date of sample collection		11.10.2025	06.10.2025	Desirable Limits	Permissible Limits	Method of Testing
Date of sample receipt		13.10.2025	07.10.2025			
Report No		M001925103	M001425102	Desirable Limits	Permissible Limits	Method of Testing
Sl. No.	Sample Code	GW1	GW2			
Parameters		Results		Desirable Limits	Permissible Limits	Method of Testing
1	Colour (Hazen Units)	<1	<1			
2	Odour	Agreeable	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) 2018
3	pH Value	7.00	7.35	6.5 to 8.5	6.5 - 8.5	IS 3025 (Part 11) 2022
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) 2023
5	Turbidity,NTU	0.70	1.00	1	5	IS 3025 (Part 10) 2023
6	Total Dissolved Solids,mg/l	1080.0	1450.0	500	2000	IS 3025 (Part 16) 2023
7	Aluminium (as Al)	<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	0.5	0.5	IS 3025 (Part 34) Sec 1 2023
9	Anionic Detergents (as MBAS),mg/l	<0.1	<0.1	0.2	1.0	IS 3025 (Part 68) 2023
10	Barium (as Ba), mg/l	<0.005	<0.005	0.7	0.7	IS 3025 (Part 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	160.00	176.30	75	200	IS 3025 (Part 40) 2021
13	Chloramines as C12	<0.1	<0.1	4	4	Clause 6.1 of IS 3025 (Part 26) 2021
14	Chloride as Cl (mg/l)	220.00	400.00	250	1000	IS 3025 (Part32):1988 RA 2019
16	Copper (as Cu),mg/l	<0.0005	<0.0005	0.05	1.5	IS 3025 (Part 65) 2022
17	Fluoride (as F),mg/l	0.55	0.81	1	1.5	IS 3025 (Part 60) Sec1 2022
19	Residual, Free Chlorine,mg/l	<0.1	<0.1	0.2	1	IS 3025 (Part 26) 2021
20	Iron (as Fe),mg/l	<0.005	<0.005	1.0	1.0	IS 3025 (Part 65) 2022
21	Magnesium (as Mg)mg/l	73.00	87.40	30	100	IS 3025 (Part 46) 2023
22	Manganese (as Mn),mg/l	<0.001	<0.001	0.1	0.3	IS 3025 (Part 65) 2022
23	Mineral Oil,mg/l	<0.5	<0.5	1.0	1.0	IS 3025 (Part 39) 2021
24	Nitrates (as NO ₃),mg/l	26.20	30.20	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	0.002	IS 3025 (Part 43/Sec1) 2022
26	Selenium (as Se),mg/l	<0.0005	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022
27	Silver (as Ag), mg/l	<0.005	<0.005	0.1	0.1	IS 3025 (Part 65) 2022
28	Sulphate (as SO ₄),mg/l	102.00	140.00	200	400	IS 3025 (Part 24/Sec1) 2022
29	Sulphide (as H ₂ S) , mg/l	<0.01	<0.01	0.05	0.05	IS 3025 (Part 29) 2022
30	Total Alkalinity (as CaCO ₃) mg/l	590.0	600.0	200	600	IS 3025 Part(23) 2023
31	Total Hardness (as CaCO ₃),mg/l	700.0	800.0	200	600	IS 3025 (Part 21) :2009 RA 2023
32	Zinc (as Zn),mg/l	<0.005	<0.005	5	15	IS 3025 (Part 65) 2022
33	Cadmium (as Cd),mg/l	<0.0005	<0.0005	0.003	0.003	IS 3025 (Part 65) 2022
34	Cyanide (as CN),mg/l	<0.01	<0.01	0.05	0.05	IS 3025 (Part 27/Sec1) 2021
35	Lead (as Pb),mg/l	<0.0005	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022
36	Mercury (as Hg),mg/l	<0.0005	<0.0005	0.001	0.001	IS 3025 (Part 65) 2022
37	Molybdenum (as Mo), mg/l	<0.0005	<0.0005	0.07	0.07	IS 3025 (Part 65) 2022
38	Nickel (as Ni),mg/l	<0.01	<0.01	0.02	0.02	IS 3025 (Part 65) 2022
39	Arsenic (as As),mg/l	<0.0005	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022
40	Total Chromium (as Cr),mg/l	<0.001	<0.001	0.05	0.05	IS 3025 (Part 65) 2022
41	Escherichia coli/100ml	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			IS 15185 2016 RA 2021
43	Electrical Conductivity (µmhos/cm)	1900.0	2500.0	-	-	IS 3025 (Part 14) : 2013 RA 2023

"END OF REPORT"

BINU MANI

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Govt Analyst/Authorised Signatory

ARSHIYA KOUSAR

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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		: Ground water				
Sample Location		: GW3 -Sushilanagar village Bore water, GW4 - Drinking water Near Mine Office				
Issue Date		: 03.11.2025				
Ref : IS:10500-2012 Norms Amendment - 4 (Drinking Water Standards)						
Date of sample collection		08.10.2025	09.10.2025	Desirable Limits	Permissible Limits	Method of Testing
Date of sample receipt		09.10.2025	10.10.2025			
Report No		M004725102	M007325102			
Sl. No.	Sample Code	GW3	GW4			
	Parameters	Results				
1	Colour (Hazen Units)	1	<1	5	15	IS 3025 (Part 4) 2021
2	Odour	Agreeable	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) 2018
3	pH Value	6.75	6.85	6.5 to 8.5	6.5 - 8.5	IS 3025 (Part 11) 2022
4	Taste	Agreeable	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) 2023
5	Turbidity,NTU	0.9	<0.1	1	5	IS 3025 (Part 10) 2023
6	Total Dissolved Solids,mg/l	1276.0	32.0	500	2000	IS 3025 (Part 16) 2023
7	Aluminium (as Al)	<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	0.5	0.5	IS 3025 (Part 34) Sec 1 2023
9	Anionic Detergents (as MBAS),mg/l	<0.1	<0.1	0.2	1.0	IS 3025 (Part 68) 2023
10	Barium (as Ba), mg/l	<0.005	<0.005	0.7	0.7	IS 3025 (Part 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	144.20	2.40	75	200	IS 3025 (Part 40) 2021
13	Chloramines as C12	<0.1	<0.1	4	4	Clause 6.1 of IS 3025 (Part 26) 2021
14	Chloride as Cl (mg/l)	270.00	7.00	250	1000	IS 3025 (Part32):1988 RA 2019
16	Copper (as Cu),mg/l	<0.0005	<0.0005	0.05	1.5	IS 3025 (Part 65) 2022
17	Fluoride (as F),mg/l	0.78	<0.1	1	1.5	IS 3025 (Part 60) Sec1 2022
19	Residual, Free Chlorine,mg/l	<0.1	<0.1	0.2	1	IS 3025 (Part 26) 2021
20	Iron (as Fe),mg/l	<0.005	<0.005	1.0	1.0	IS 3025 (Part 65) 2022
21	Magnesium (as Mg)mg/l	112.00	<1.0	30	100	IS 3025 (Part 46) 2023
22	Manganese (as Mn),mg/l	<0.001	<0.001	0.1	0.3	IS 3025 (Part 65) 2022
23	Mineral Oil,mg/l	<0.5	<0.5	1.0	1.0	IS 3025 (Part 39) 2021
24	Nitrates (as NO ₃),mg/l	44.00	<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	0.001	0.002	IS 3025 (Part 43/Sec1) 2022
26	Selenium (as Se),mg/l	<0.0005	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022
27	Silver (as Ag), mg/l	<0.005	<0.005	0.1	0.1	IS 3025 (Part 65) 2022
28	Sulphate (as SO ₄),mg/l	170.00	1.50	200	400	IS 3025 (Part 24/Sec1) 2022
29	Sulphide (as H ₂ S), mg/l	<0.01	<0.01	0.05	0.05	IS 3025 (Part 29) 2022
30	Total Alkalinity (as CaCO ₃) mg/l	600.0	16.0	200	600	IS 3025 Part(23) 2023
31	Total Hardness (as CaCO ₃),mg/l	820.0	10.0	200	600	IS 3025 (Part 21) :2009 RA 2023
32	Zinc (as Zn),mg/l	<0.005	<0.005	5	15	IS 3025 (Part 65) 2022
33	Cadmium (as Cd),mg/l	<0.0005	<0.0005	0.003	0.003	IS 3025 (Part 65) 2022
34	Cyanide (as CN),mg/l	<0.01	<0.01	0.05	0.05	IS 3025 (Part 27/Sec1) 2021
35	Lead (as Pb),mg/l	<0.0005	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022
36	Mercury (as Hg),mg/l	<0.0005	<0.0005	0.001	0.001	IS 3025 (Part 65) 2022
37	Molybdenum (as Mo), mg/l	<0.0005	<0.0005	0.07	0.07	IS 3025 (Part 65) 2022
38	Nickel (as Ni),mg/l	<0.01	<0.01	0.02	0.02	IS 3025 (Part 65) 2022
39	Arsenic (as As),mg/l	<0.0005	<0.0005	0.01	0.01	IS 3025 (Part 65) 2022
40	Total Chromium (as Cr),mg/l	<0.001	<0.001	0.05	0.05	IS 3025 (Part 65) 2022
41	Escherichia coli/100ml	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			IS 15185 2016 RA 2021
43	Electrical Conductivity (µmhos/cm)	2200.0	60.0	-	-	IS 3025 (Part 14) : 2013 RA 2023

"END OF REPORT"

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