

ENVIRONMENTAL MONITORING REPORT

Project	REDI IRON ORE MINE (Block -1)
Location	Redi Village Vengurla Taluka, Sindudurg Dist Maharashtra
Client	M/s. GOGTE MINERALS
Office Address	BELAGAVI, KARNATAKA
Monitoring Month	July -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. Gogte Minerals
Name of the Project : Redi Iron Ore Mine (203)
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Particulars of sample collected : A1 - Core Zone Near Mine Office
Duration : 24 Hrs
Issue Date : 05.08.2025
Reference IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	Ammonia (NH ₃), µg/m ³	Benzene (C ₆ H ₆), µg/m ³
11.07.2025	N030325072	6	11	28	15	<20	<1
12.07.2025	N004625073	5	9	36	16	<20	<1
14.07.2025	N011025073	9	11	40	21	<20	<1
15.07.2025	N016725073	8	11	38	18	<20	<1
25.07.2025	N027425074	6	10	34	15	<20	<1
26.07.2025	N002325075	7	9	29	19	<20	<1
28.07.2025	N008025075	10	12	33	16	<20	<1
29.07.2025	N013925075	5	10	30	18	<20	<1
Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	400 24 Hrs	5 Annual

Date of Sampling	Report No	Lead (Pb), µg/m ³	Nickel (Ni), ng/m ³	Arsenic (As), ng/m ³	Benzo(a) Pyrene (BaP), ng/m ³	Carbon Monoxide* (CO), mg/m ³	Ozone* (O ₃), µg/m ³
11.07.2025	N030325072	0.16	<0.1	<0.5	<0.5	0.31	23
12.07.2025	N004625073	0.18	<0.1	<0.5	<0.5	0.29	21
14.07.2025	N011025073	0.10	<0.1	<0.5	<0.5	0.27	20
15.07.2025	N016725073	0.17	<0.1	<0.5	<0.5	0.23	22
25.07.2025	N027425074	0.19	<0.1	<0.5	<0.5	0.21	25
26.07.2025	N002325075	0.15	<0.1	<0.5	<0.5	0.25	22
28.07.2025	N008025075	0.11	<0.1	<0.5	<0.5	0.27	20
29.07.2025	N013925075	0.19	<0.1	<0.5	<0.5	0.21	21
Limits for Industrial , Residential, Rural and other Areas		1.0 24 Hrs	20 Annual	6 Annual	1 Annual	4 1 Hr	180 1 Hr

Note : * Parameters monitored for period of 1 hr

Arshiyakousar
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TEST REPORT

Table No.2

AMBIENT AIR QUALITY

Name of the Client : M/s. Gogte Minerals
Name of the Project : Redi Iron Ore Mine (203)
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Particulars of sample collected : A2 - Redi village
Duration : 24 Hrs
Issue Date : 05.08.2025
Reference IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	Ammonia (NH ₃), µg/m ³	Benzene (C ₆ H ₆), µg/m ³
11.07.2025	N030425072	9	10	52	27	<20	<1
12.07.2025	N004725073	8	13	48	24	<20	<1
14.07.2025	N011125073	5	11	34	17	<20	<1
15.07.2025	N016825073	6	10	38	21	<20	<1
25.07.2025	N027525074	8	12	36	19	<20	<1
26.07.2025	N002425075	5	13	32	17	<20	<1
28.07.2025	N008125075	9	14	40	21	<20	<1
29.07.2025	N014025075	7	10	42	22	<20	<1
Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	400 24 Hrs	5 Annual

Date of Sampling	Report No	Lead (Pb), µg/m ³	Nickel (Ni), ng/m ³	Arsenic (As), ng/m ³	Benzo(a) Pyrene (BaP), ng/m ³	Carbon Monoxide* (CO), mg/m ³	Ozone* (O ₃), µg/m ³
11.07.2025	N030425072	0.12	<0.1	<0.5	<0.5	0.31	23
12.07.2025	N004725073	0.11	<0.1	<0.5	<0.5	0.25	21
14.07.2025	N011125073	0.18	<0.1	<0.5	<0.5	0.27	20
15.07.2025	N016825073	0.12	<0.1	<0.5	<0.5	0.29	25
25.07.2025	N027525074	0.14	<0.1	<0.5	<0.5	0.22	27
26.07.2025	N002425075	0.21	<0.1	<0.5	<0.5	0.27	22
28.07.2025	N008125075	0.11	<0.1	<0.5	<0.5	0.23	21
29.07.2025	N014025075	0.15	<0.1	<0.5	<0.5	0.21	20
Limits for Industrial , Residential, Rural and other Areas		1.0 24 Hrs	20 Annual	6 Annual	1 Annual	4 1 Hr	180 1 Hr

Note : * Parameters monitored for period of 1 hr

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TEST REPORT

Table No. 3

AMBIENT AIR QUALITY

Name of the Client : M/s. Gogte Minerals
Name of the Project : Redi Iron Ore Mine (203)
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Particulars of sample collected : A3 - Shiroda village
Duration : 24 Hrs
Issue Date : 05.08.2025
Reference IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	Ammonia (NH ₃), µg/m ³	Benzene (C ₆ H ₆), µg/m ³
11.07.2025	N030525072	6	9	37	18	<20	<1
12.07.2025	N004825073	7	9	30	15	<20	<1
14.07.2025	N011225073	8	11	35	17	<20	<1
15.07.2025	N016925073	6	10	38	19	<20	<1
25.07.2025	N027625074	5	8	27	16	<20	<1
26.07.2025	N002525075	8	9	40	21	<20	<1
28.07.2025	N008225075	9	10	47	22	<20	<1
29.07.2025	N014125075	5	9	39	20	<20	<1
Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	400 24 Hrs	5 Annual

Date of Sampling	Report No	Lead (Pb), µg/m ³	Nickel (Ni), ng/m ³	Arsenic (As), ng/m ³	Benzo(a) Pyrene (BaP), ng/m ³	Carbon Monoxide* (CO), mg/m ³	Ozone* (O ₃), µg/m ³
11.07.2025	N030525072	0.19	<0.1	<0.5	<0.5	0.25	21
12.07.2025	N004825073	0.12	<0.1	<0.5	<0.5	0.31	21
14.07.2025	N011225073	0.14	<0.1	<0.5	<0.5	0.28	24
15.07.2025	N016925073	0.11	<0.1	<0.5	<0.5	0.25	22
25.07.2025	N027625074	0.11	<0.1	<0.5	<0.5	0.22	20
26.07.2025	N002525075	0.13	<0.1	<0.5	<0.5	0.29	25
28.07.2025	N008225075	0.17	<0.1	<0.5	<0.5	0.25	24
29.07.2025	N014125075	0.14	<0.1	<0.5	<0.5	0.29	26
Limits for Industrial , Residential, Rural and other Areas		1.0 24 Hrs	20 Annual	6 Annual	1 Annual	4 1 Hr	180 1 Hr

Note : * Parameters monitored for period of 1 hr

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Table No. 4

AMBIENT AIR QUALITY

Name of the Client : M/s. Gogte Minerals
Name of the Project : Redi Iron Ore Mine (203)
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Particulars of sample collected : A4 - Gaontala village
Duration : 24 Hrs
Issue Date : 05.08.2025
Reference IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	Ammonia (NH ₃), µg/m ³	Benzene (C ₆ H ₆), µg/m ³
11.07.2025	N030625072	6	11	37	16	<20	<1
12.07.2025	N004925073	6	9	52	25	<20	<1
14.07.2025	N011325073	8	9	38	18	<20	<1
15.07.2025	N017025073	10	12	40	20	<20	<1
25.07.2025	N027725074	6	9	29	16	<20	<1
26.07.2025	N002625075	10	11	33	17	<20	<1
28.07.2025	N008325075	7	9	39	18	<20	<1
29.07.2025	N014225075	8	9	27	16	<20	<1
Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	400 24 Hrs	5 Annual

Date of Sampling	Report No	Lead (Pb), µg/m ³	Nickel (Ni), ng/m ³	Arsenic (As), ng/m ³	Benzo(a) Pyrene (BaP), ng/m ³	Carbon Monoxide* (CO), mg/m ³	Ozone* (O ₃), µg/m ³
11.07.2025	N030625072	0.11	<0.1	<0.5	<0.5	0.23	25
12.07.2025	N004925073	0.15	<0.1	<0.5	<0.5	0.21	21
14.07.2025	N011325073	0.21	<0.1	<0.5	<0.5	0.25	22
15.07.2025	N017025073	0.14	<0.1	<0.5	<0.5	0.29	<20
25.07.2025	N027725074	0.17	<0.1	<0.5	<0.5	0.32	20
26.07.2025	N002625075	0.11	<0.1	<0.5	<0.5	0.22	22
28.07.2025	N008325075	0.19	<0.1	<0.5	<0.5	0.27	23
29.07.2025	N014225075	0.22	<0.1	<0.5	<0.5	0.22	20
Limits for Industrial , Residential, Rural and other Areas		1.0 24 Hrs	20 Annual	6 Annual	1 Annual	4 1 Hr	180 1 Hr

Note : * Parameters monitored for period of 1 hr

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Table No. 5

AMBIENT AIR QUALITY

Name of the Client : M/s. Gogte Minerals
Name of the Project : Redi Iron Ore Mine (203)
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Particulars of sample collected : A5 - Kanyalwadi village
Duration : 24 Hrs
Issue Date : 05.08.2025
Reference IS 5182 & Lab SOP

Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)	Ammonia (NH ₃), µg/m ³	Benzene (C ₆ H ₆), µg/m ³
11.07.2025	N030725072	7	10	25	15	<20	<1
12.07.2025	N005025073	6	9	30	16	<20	<1
14.07.2025	N011425073	7	11	33	18	<20	<1
15.07.2025	N017125073	8	9	41	22	<20	<1
25.07.2025	N027825074	5	9	35	16	<20	<1
26.07.2025	N002725075	10	12	38	17	<20	<1
28.07.2025	N008425075	11	12	44	23	<20	<1
29.07.2025	N014325075	9	12	23	18	<20	<1
Limits for Industrial , Residential, Rural and other Areas		80 24 Hrs	80 24 Hrs	100 24 Hrs	60 24 Hrs	400 24 Hrs	5 Annual

Date of Sampling	Report No	Lead (Pb), µg/m ³	Nickel (Ni), ng/m ³	Arsenic (As), ng/m ³	Benzo(a) Pyrene (BaP), ng/m ³	Carbon Monoxide* (CO), mg/m ³	Ozone* (O ₃), µg/m ³
11.07.2025	N030725072	0.13	<0.1	<0.5	<0.5	0.31	21
12.07.2025	N005025073	0.14	<0.1	<0.5	<0.5	0.32	25
14.07.2025	N011425073	0.11	<0.1	<0.5	<0.5	0.25	26
15.07.2025	N017125073	0.14	<0.1	<0.5	<0.5	0.29	24
25.07.2025	N027825074	0.11	<0.1	<0.5	<0.5	0.22	28
26.07.2025	N002725075	0.19	<0.1	<0.5	<0.5	0.27	27
28.07.2025	N008425075	0.12	<0.1	<0.5	<0.5	0.22	24
29.07.2025	N014325075	0.14	<0.1	<0.5	<0.5	0.31	26
Limits for Industrial , Residential, Rural and other Areas		1.0 24 Hrs	20 Annual	6 Annual	1 Annual	4 1 Hr	180 1 Hr

Note : * Parameters monitored for period of 1 hr

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TEST REPORT

Table No.6

AMBIENT AIR QUALITY

Name of the Client : M/s. Gogte Minerals					
Name of the Project : Redi Iron Ore Mine (203)					
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)					
Particulars of sample collected : A6 - Near NIMCO Gate - Tivrewadi, Redi village					
Duration : 24 Hrs					
Issue Date : 05.08.2025					
Reference IS 5182 & Lab SOP					
Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)
11.07.2025	N030825072	6	9	40	22
12.07.2025	N005125073	8	9	43	24
14.07.2025	N011525073	10	11	37	19
15.07.2025	N017225073	9	11	48	26
25.07.2025	N027925074	10	12	28	18
26.07.2025	N002825075	9	12	33	19
28.07.2025	N008525075	5	9	45	24
29.07.2025	N014425075	9	12	35	21
Limits for Industrial ,		80	80	100	60
Residential, Rural and other Areas		24 Hrs	24 Hrs	24 Hrs	24 Hrs

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TEST REPORT

Table No. 7

AMBIENT AIR QUALITY

Name of the Client : M/s. Gogte Minerals					
Name of the Project : Redi Iron Ore Mine (203)					
Sample Collected by : Environmental Laboratory (Unit of Mineral Engineering Services LLP)					
Particulars of sample collected : A7 - Near Primary School - sakalbhatwadi Redi village					
Duration : 24 Hrs					
Issue Date : 05.08.2025					
Reference : IS 5182 & Lab SOP					
Date of Sampling	Report No	Sulphur Dioxide (SO ₂), µg/m ³	Nitrogen Dioxide (NO ₂), µg/m ³	PM ₁₀ , (µg/m ³)	PM _{2.5} , (µg/m ³)
11.07.2025	N030925072	10	11	48	23
12.07.2025	N005225073	4	9	25	15
14.07.2025	N011625073	10	12	37	17
15.07.2025	N017325073	9	9	30	16
25.07.2025	N028025074	10	13	28	14
26.07.2025	N002925075	8	11	35	24
28.07.2025	N008625075	5	9	39	19
29.07.2025	N014525075	9	11	42	24
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. 8

STATISTICAL AIR QUALITY DATA

Name of the Client : M/s. Gogte Minerals												
Name of the Project : Redi Iron Ore Mine (203)												
Month : July, 2025												
	A1 - A1 - Core Zone Near Mine Office				A2 - Redi village				A3 - Shiroda 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.	5	9	28	15	5	10	32	17	5	8	27	15
10%	5	9	29	15	5	10	33	17	5	9	29	16
25%	6	10	30	16	6	10	36	19	6	9	34	17
50%	7	11	34	17	8	12	39	21	7	9	38	19
75%	8	11	37	18	8	13	44	23	8	10	39	20
98%	10	12	40	21	9	14	51	27	9	11	46	22
Max.	10	12	40	21	9	14	52	27	9	11	47	22
Avg.	7	10	34	17	7	12	40	21	7	9	37	19
SD	2	1	4	2	2	2	7	3	1	1	6	2
No. of obs	8				8				8			
	A4 - Gaontala village				A5 - Kanyalwadi village							
	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	PM ₁₀	PM _{2.5}				
Min.	6	9	27	16	5	9	23	15				
10%	6	9	28	16	6	9	24	16				
25%	6	9	32	16	7	9	29	16				
50%	8	9	38	18	8	11	34	18				
75%	9	11	39	19	9	12	39	19				
98%	10	12	50	24	11	12	44	23				
Max.	10	12	52	25	11	12	44	23				
Avg.	8	10	37	18	8	11	34	18				
SD	2	1	8	3	2	1	7	3				
No. of obs	8				8							

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TEST REPORT

Table No. 9

NOISE LEVEL DATA

Report No ; ELMES0502507

Name of the Client		: M/s. Gogte Minerals	
Name of the Project		: Redi Iron Ore Mine (203)	
Particulars of sample collected		: Sound Levels	
Sample Collected by		: Environmental Laboratory (Unit of Mineral Engineering Services LLP)	
Date of sample collection		: 11.07.2025	
Issue Date		: 05.08.2025	
Sampling & Test Method		: IS:9989	
Code No.	Monitoring stations	Day Leq	Night Leq
Bufferzone			
N1	Redi village	46.9	39.1
N2	Gaontala village	46.1	36.4
N3	Kanyalwadi village	45.3	36.9
N4	Shiroda village	46.1	37.6
N5	Tiroda village	43.6	35.8
Permissible Limits of Ambient Noise Levels as per CPCB Guidelines			
Leq. Limit dB(A)			
		Day	Night
Residential area		55	45
Code No.	Monitoring stations	Day Leq	Night Leq
Bufferzone			
N6	Near NIMCO Gate - Tivrewadi, Redi village	48.0	38.2
N7	Near Primary School - sakalbhatwadi, Redi village	50.4	37.9
Permissible Limits of Ambient Noise Levels as per CPCB Guidelines			
Leq. Limit dB(A)			
		Day	Night
Commercial area		65	55
Code No.	Monitoring stations	Day Leq	Night Leq
Corezone			
N8	Near Mine office	54.9	43.8
Permissible Limits of Ambient Noise Levels as per CPCB Guidelines			
Leq. Limit dB(A)			
		Day	Night
Industrial areas		75	70

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TEST REPORT

Table No.10

Name of the Client	: M/s. Gogte Minerals			
Name of the Project	: Redi Iron Ore Mine (203)			
Location	: Redi village, Vengurla taluka, Sindhudurg dist, Maharashtra State.			
Particulars of sample collected	: W1 - Pit water			
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)			
Date of sample collection	: 12.07.2025			
Report No	: M011925072			
Issue Date	: 05.08.2025			
Ref	: Environmental (P) Rules, 1986 SCHEDULE VI			
Sl. No.	Parameters	Results	General Standards For Effluent Discharge of Environmental Pollutants	Method of Testing
1	Colour (Hazen Units), & Odour	5	--	IS:3025 (part-4)
2	Suspended Solids (mg/l), Max	20	100	IS 3025 (P-17) 2022
3	Particle size of suspended solids	Pass through 850 micron	Shall Pass through 850 micron	AOHA 23rd edition
4	pH	5.65	5.5 to 9.0	IS 3025 (P-11) 2022
5	Temperature °C	25	Shall not exceed 5°C above the receiving water temp	IS 3025 (Part 9) 2023
6	Oil & Grease (mg/l), Max	<4.0	10	IS 3025 (P-39) 2021
7	Total Residual Chlorine (mg/l), Max	<0.1	1.0	IS 3025 (P-26) 2021
8	Ammonical Nitrogen (mg/l), Max	<0.1	50	IS 3025 (P-34 Sec 1) 2023
9	Total Kjeldahl Nitrogen (mg/l), Max	<0.1	100	IS 3025 (P-34 Sec 1) 2023
10	Free Ammonia as NH ₃ (mg/l), Max	<0.01	5.0	IS 3025 (P-34 Sec 1) 2023
11	BOD [3 days at 27°C] (mg/l), Max	<3.0	30	IS 3025 (Part 44) 2023
12	COD (mg/l), Max	22	250	IS 3025 (Part 58) 2023
13	Arsenic as As (mg/l), Max	<0.05	0.2	APHA 24th Ed.Method No.3030K
14	Mercury as Hg (mg/l), Max	<0.001	0.01	APHA 24th Ed.Method No.3030K
15	Lead as Pb (mg/l), Max	<0.05	0.1	APHA 24th Ed.Method No.3030K
16	Cadmium as Cd (mg/l), Max	<0.01	2.0	APHA 24th Ed.Method No.3030K
17	Hexavalent Chromium as Cr ⁺⁶ (mg/l), Max	<0.03	0.1	IS 3025 (P-52) 2014
18	Total Chromium as Cr(mg/l), Max	<0.01	2.0	APHA 24th Ed.Method No.3030K
19	Copper as Cu (mg/l), Max	<0.05	3.0	APHA 24th Ed.Method No.3030K
20	Zinc as Zn (mg/l), Max	<0.05	5.0	APHA 24th Ed.Method No.3030K
21	Selenium as Se (mg/l), Max	<0.05	0.05	APHA 24th Ed.Method No.3030K
22	Nickel as Ni (mg/l), Max	<0.05	3.0	APHA 24th Ed.Method No.3030K
23	Cyanide as CN (mg/l), Max	<0.01	0.2	IS 3025 (P-27) Sec 1 2021
24	Fluoride as F (mg/l), Max	0.1	2.0	APHA 24th Edition 4500F
25	Dissolved Phosphates as PO ₄ (mg/l), Max	<0.1	5.0	IS 3025 (P-31) Sec 1 2022
26	Sulphide as S (mg/l), Max	<0.01	2.0	IS 3025 (P-29) 2022
27	Phenolic Compounds as C ₆ H ₅ OH (mg/l), Max	<0.001	1.0	IS 3025 (P-43) Sec 1 2022
28	Manganese as Mn (mg/l), Max	<0.01	2	APHA 24th Ed.Method No.3030K
29	Iron as Fe (mg/l), Max	<0.05	3	APHA 24th Ed.Method No.3030K
30	Vanadium as V (mg/l), Max	<0.01	0.2	APHA 24th Ed.Method No.3030K
31	Nitrate Nitrogen (mg/l), Max	<0.1	10	IS 3025 (P-31) 1988 RA 2019

""END OF REPORT""

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TEST REPORT

Table No. 11

Name of the Client		: M/s. Gogte Minerals			
Name of the Project		: Redi Iron Ore Mine (203)			
Location		: Redi village, Vengurla taluka, Sindhudurg dist, Maharashtra State.			
Particulars of sample collected		: W2 - Pit Discharge Water, W3 - Runoff water from dump			
Sample Collected by		: Environmental Laboratory (Unit of Mineral Engineering Services LLP)			
Date of sample collection		: 12.07.2025			
Issue Date		: 05.08.2025			
Ref		: Environmental (P) Rules, 1986 SCHEDULE VI			
Report No		-	M012025072	General Standards For Effluent Discharge of Environmental Pollutants	Method of Testing
Sl. No.	Sample code	W2	W3		
	Parameters	Results			
1	Colour (Hazen Units), & Odour	No Discharge	10	—	IS:3025 (part-4)
2	Suspended Solids (mg/l), Max		84	100	IS 3025 (P-17) 2022
3	Particle size of suspended solids		Pass through 850 micron	Shall Pass through 850 micron	AOHA 23rd edition
4	pH		5.90	5.5 to 9.0	IS 3025 (P-11) 2022
5	Temperature ° C		25	Shall not exceed 5° C above the receiving water temp	IS 3025 (Part 9) 2023
6	Oil & Grase (mg/l), Max		<4.0	10	IS 3025 (P-39) 2021
7	Total Residual Chlorine (mg/l), Max		<0.1	1.0	IS 3025 (P-26) 2021
8	Ammonical Nitrogen (mg/l), Max		<0.1	50	IS 3025 (P-34 Sec 1) 2023
9	Total Kjeldahl Nitrogen (mg/l), Max		<0.1	100	IS 3025 (P-34 Sec 1) 2023
10	Free Ammonia as NH ₃ (mg/l), Max		<0.01	5.0	IS 3025 (P-34 Sec 1) 2023
11	BOD [3 days at 27°C] (mg/l), Max		<3.0	30	IS 3025 (Part 44) 2023
12	COD (mg/l), Max		14	250	IS 3025 (Part 58) 2023
13	Arsenic as As (mg/l), Max		<0.05	0.2	APHA 24th Ed.Method No.3030K
14	Mercury as Hg (mg/l), Max		<0.001	0.01	APHA 24th Ed.Method No.3030K
15	Lead as Pb (mg/l), Max		<0.05	0.1	APHA 24th Ed.Method No.3030K
16	Cadmium as Cd (mg/l), Max		<0.01	2.0	APHA 24th Ed.Method No.3030K
17	Hexavalent Chromium as Cr ⁺⁶ (mg/l), Max		<0.03	0.1	IS 3025 (P-52) 2014
18	Total Chromium as Cr(mg/l), Max		<0.01	2.0	APHA 24th Ed.Method No.3030K
19	Copper as Cu (mg/l), Max		<0.05	3.0	APHA 24th Ed.Method No.3030K
20	Zinc as Zn (mg/l), Max		<0.05	5.0	APHA 24th Ed.Method No.3030K
21	Selenium as Se (mg/l), Max		<0.05	0.05	APHA 24th Ed.Method No.3030K
22	Nickel as Ni (mg/l), Max		<0.05	3.0	APHA 24th Ed.Method No.3030K
23	Cyanide as CN (mg/l), Max		<0.01	0.2	IS 3025 (P-27) Sec 1 2021
24	Fluoride as F (mg/l), Max		<0.1	2.0	APHA 24th Edition 4500F
25	Dissolved Phosphates as PO ₄ (mg/l), Max		<0.1	5.0	IS 3025 (P-31) Sec 1 2022
26	Sulphide as S (mg/l), Max		<0.01	2.0	IS 3025 (P-29) 2022
27	Phenolic Compounds as C ₆ H ₅ OH (mg/l), Max		<0.001	1.0	IS 3025 (P-43) Sec 1 2022
28	Manganese as Mn (mg/l), Max		<0.01	2	APHA 24th Ed.Method No.3030K
29	Iron as Fe (mg/l), Max		<0.05	3	APHA 24th Ed.Method No.3030K
30	Vanadium as V (mg/l), Max		<0.01	0.2	APHA 24th Ed.Method No.3030K
31	Nitrate Nitrogen (mg/l), Max		<0.1	10	IS 3025 (P-34) 1986, R-10819

END OF REPORT

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TEST REPORT

Table No. 12

Name of the Client		: M/s. Gogte Minerals				
Name of the Project		: Redi Iron Ore Mine (203)				
Location		Redi village, Vengurla taluka,Sindhudurg dist,Maharashtra State.				
Particulars of sample collected		: SW1 - Kanyal tank water, SW2 - Nallah water Near Kanyalwadi SW3- Near Hanuman temple Kanyalwadi village				
Sample Collected by		: Environmental Laboratory (Unit of Mineral Engineering Services LLP)				
Date of sample collection		: 12.07.2025				
Issue Date		: 05.08.2025				
Ref : IS : 2296 Water Quality Standards						
Sl. No.	Report No	M012125072	M012225072	M012325072	Limits	Method of Testing
	Sample Code	SW1	SW2	SW3		
	Parameters	Results				
1	Colour (Hazen Units)	1	1	<1	300	IS 3025 (Part 4) 2021
2	pH	6.55	6.54	6.80	6.5 to 8.5	IS 3025 (Part 11) 2022
3	Dissolved Oxygen (as O ₂), mg/l	5.70	5.60	5.80	Min 4	IS 3025 (Part 38):1989 RA 2019
4	Biochemical Oxygen Demand (as O ₂), mg/l	<3	<3	<3	Max 3	IS 3025 (Part 44) 2023
5	Total Coliform (MPN/100ml)	76	63	94	5000	IS 15185 2016 RA 2021
6	Total Dissolved Solids. (mg/l)	162	216	114	1500	IS 3025 (Part 16) 2023
7	Chloride (as Cl),mg/l	80.0	90.0	35.0	600	IS 3025 (Part 32) :1988 RA 2019
8	Sulphates as SO ₄ (mg/l)	16.0	20.0	14.0	400	APHA (24th Edition):4110B
9	Nitrates (as NO ₃),mg/l	1.60	3.60	1.20	50	IS 3025 (Part 34-Sec1) 2023
10	Fluoride (as F),mg/l	0.14	0.16	0.12	1.5	IS 3025 (Part 60-Sec1) 2023
11	Copper (as Cu),mg/l	<0.0005	<0.0005	<0.0005	1.5	IS 3025 (Part 65) 2022
12	Iron (as Fe),mg/l	<0.005	<0.005	<0.005	50	IS 3025 (Part 65) 2022
13	Zinc (as Zn),mg/l	<0.005	<0.005	<0.005	15	IS 3025 (Part 65) 2022
14	Total Arsenic (as As), (mg/l)	<0.0005	<0.0005	<0.0005	0.2	IS 3025 (Part 65) 2022
15	Lead (as Pb), mg/l	<0.0005	<0.0005	<0.0005	0.1	IS 3025 (Part 65) 2022
16	Cadmium (as Cd), mg/l,	<0.0005	<0.0005	<0.0005	0.01	IS 3025 (Part 65) 2022
17	Hexavalent Chromium (as Cr ^{VI}), mg/l	<0.03	<0.03	<0.03	0.05	IS 3025 (Part 52):2019 RA 2023
18	Selenium (as Se), mg/l	<0.0005	<0.0005	<0.0005	0.05	IS 3025 (Part 65) 2022
19	Cyanide (as CN), mg/l,	<0.01	<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	<0.001	0.005	IS 3025 (Part 43/Sec1) 2022
21	Anionic detergents (as MBAS),mg/l	<0.1	<0.1	<0.1	1.0	IS 3025 (Part 68) 2023
Note : Class-C: Drinking water with conventional treatment followed by disinfection.						

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

END OF REPORT

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Note : This report is subject to the terms and conditions mentioned overleaf.



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TEST REPORT

Table No. 13

Name of the Client	: M/s. Gogte Minerals
Name of the Project	: Redi Iron Ore Mine (203)
Location	: Redi village, Vengurla taluka, Sindhudurg dist, MH
Particulars of sample collected	: GW1 - Tiroda village open well, GW2 - Redi village open well
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Date of sample collection	: 12.07.2025
Date of sample receipt	: 14.07.2025
Issue Date	: 05.08.2025
Ref	: IS:10500-2012 Norms Amendment - 4 (Drinking Water Standards)

Sl. No.	Parameters	Results		Desirable Limits	Permissible Limits	Method of Testing
		GW1	GW2			
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	6.58	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	0.8	0.5	1	5	IS 3025 (Part 10) 2023
6	Total Dissolved Solids, mg/l	28.0	286.0	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	2.40	20.00	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)	12.00	100.00	250	1000	IS 3025 (Part 32): 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	<0.1	<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	1.94	13.30	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	<0.1	6.00	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	1.50	35.00	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	6.0	75.0	200	600	IS 3025 Part(23) 2023
31	Total Hardness (as CaCO ₃), mg/l	14.0	105.0	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)	50.0	520.0	—	—	IS 3025 (Part 14) : 2013 RA 2023
42	Water levels in well from surface (m)	4.75	2.79	—	—	—

"END OF REPORT"

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TEST REPORT

Table No.14

Name of the Client		: M/s. Gogte Minerals				
Name of the Project		: Redi Iron Ore Mine (203)				
Location		: Redi village , Vengurla taluka, Sindhudurg dist, MH				
Particulars of sample collected		: GW3 -Shiroda village open well, GW4 - Kanyalwadi village open well,				
Sample Collected by		: Environmental Laboratory (Unit of Mineral Engineering Services LLP)				
Date of sample collection		: 12.07.2025				
Date of sample receipt		: 14.07.2025				
Issue Date		: 05.08.2025				
Ref : IS:10500-2012 Norms Amendment - 4 (Drinking Water Standards)						
Report No		M012625072	M012725072	Desirable Limts	Permissible Limts	Method of Testing
Sl. No.	Parameters	Results				
		GW3	GW4			
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	6.70	6.59	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	0.5	<0.1	1	5	IS 3025 (Part 10) 2023
6	Total Dissolved Solids,mg/l	162.0	54.0	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	12.80	4.00	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)	34.00	24.00	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	<0.1	<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	9.23	2.91	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	2.80	1.70	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	2.00	5.60	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	74.0	10.0	200	600	IS 3025 Part(23) 2023
31	Total Hardness (as CaCO ₃),mg/l	70.0	22.0	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)	300.0	100.0	--	--	IS 3025 (Part 14) : 2013 RA 2023
42	Water levels in well from surface (m)	0.30	0.20	--	--	--

"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

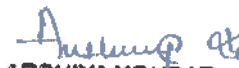
Table No. 15

Name of the Client	: M/s. Gogte Minerals
Name of the Project	: Redi Iron Ore Mine (203)
Location	: Redi village, Vengurla taluka, Sindhudurg dist, MH
Particulars of sample collected	: GW5 - Gaontala village open well, GW6 - Tap water (near mines office)
Sample Collected by	: Environmental Laboratory (Unit of Mineral Engineering Services LLP)
Date of sample collection	: 12.07.2025
Date of sample receipt	: 14.07.2025
Issue Date	: 05.08.2025
Ref	: IS:10500-2012 Norms Amendment - 4 (Drinking Water Standards)

Sl. No.	Parameters	Results		Desirable Limits	Permissible Limits	Method of Testing
		GW5	GW6			
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	6.55	7.17	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	<0.1	0.8	1	5	IS 3025 (Part 10) 2023
6	Total Dissolved Solids, mg/l	60.0	146.0	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	3.20	9.60	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)	22.00	68.00	250	1000	IS 3025 (Part 32): 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	<0.1	<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	2.91	6.32	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	2.50	4.60	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	10.00	14.00	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	4.0	20.0	200	600	IS 3025 Part(23) 2023
31	Total Hardness (as CaCO ₃), mg/l	20.0	50.0	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)	110.0	50.0	--	--	IS 3025 (Part 14) : 2013 RA 2023
42	Water levels in well from surface (m)	11.10	--	--	--	--

"END OF REPORT"


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TEST REPORT

Table No. 16

Name of the Client	: M/s. Gogte Minerals			
Name of the Project	: Redi Iron Ore Mine (203)			
Particulars of sample collected	: STP1 - Sewage Treatment Plant			
Date of sample collection	: 12.07.2025			
Date of sample receipt	: 14.07.2025			
Report no	: M013025072			
Issue Date	: 05.08.2025			
Ref	:Schedule -1 SI.No-2 of CTO			
Sample code		STP1	Standards	Method of Testing
Sl. No.	Parameters	Results		
1	pH	6.77	-	IS 3025 (P-11) 2022
2	Biochemical Oxygen Demand BOD ₅ 27 ⁰ C, mg/l	45	<100	IS 3025 (Part 44) 2023
3	Total Suspended Solids, at 105 ⁰ C, mg/l	50	<100	IS 3025 (P-17) 2022

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Note : This report is subject to the terms and conditions mentioned overleaf.