



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT ECO ENVIRO LAB

ISO 9001:2015 (QMS), ISO 45001:2018 (OHSAS); NABL & JSPCB Accreditation

2208/A, Jagannath Nagar, Pundag Road, Near Anand Gas Godown, Argora, Ranchi, Jharkhand – 834012.
Email ID – iem2012@rediffmail.com, Mob. No. – 8407804253.

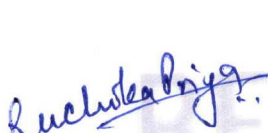
DRINKING WATER QUALITY TEST REPORT


Client Name & Address: Balaji Iron Ore Mine Village - Balijore, P.O & P.S - Noamundi, Dist-WEST SINGHBHUM.	Sample Details: Type of Industry : Iron Ore Mining Sample Description: Drinking Water Sampling Date: 12-09-2020 Sample Registration Date : 14-09-2020
Test Report No : IEM/EEL/RAN/DW/0211D, Report Issue Date : 23-09-2020 Work Order No- Application No:8489206,Date:24.08.2020,Time:04:20 Protocol : IS Method	Customer Rept.: Mr. Anil Khirwal Sample Drawn By: Sashi Kr. Singh & team

	Tested Parameter	Unit	Method No.	Drinking Water Specification IS 10500 :2012		Results
				Acceptable Limit	Permissible Limit	
1.	pH value	...	IS 3025 (Part-11)	6.5 – 8.5	No Relaxation	6.89
2.	Turbidity	NTU	IS 3025 (Part-10)	1	5	2.5
3.	Conductivity	µS/Cm	IS 3025 (Part-14)	-----	-----	142
4.	Total Dissolved Solids	mg/l	IS 3025 (Part-16)	500	2000	86
5.	Alkalinity (as CaCO ₃)	mg/l	IS 3025 (Part-23)	200	600	43
6.	Hardness (as CaCO ₃)	mg/l	IS 3025 (Part-21)	200	600	44
7.	Calcium (as Ca ⁺²)	mg/l	IS 3025 (Part-40)	75	200	12
8.	Magnesium (as Mg ⁺²)	mg/l	IS 3025 (Part-46)	30	100	3.36
9.	Chloride (as Cl)	mg/l	IS 3025 (Part-32)	250	1000	11
10.	Sulphate (as SO ₄ ⁻²)	mg/l	IS 3025 (Part-24)	200	400	3.0
11.	Iron (as Fe)	mg/l	IS 3025 (Part-53)	0.3	No Relaxation	0.09
12.	Fluoride as F max	mg/l	IS: 3025(Part-60)	1.0	1.5	0.8

****End of Report****

Results are nearest to round figure accordance with IS 2:1960.


Tested by
Analyst


Checked By
(Sunil Kumar Singh)
Lab In charge cum Technical Manager


Authorized Signatory
(Dr. S.C. Jain)
(Director & QC Manager)

Note:-1. The results refer only to the tested sample of applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request from the date of issue of the certificate. 3. The certificate shall not be reproduced in part or full and can't be used as evidence or in court of law without prior permission in writing. 4. All disputes are subjected to the Ranchi jurisdiction.