


District Level Water Testing Laboratory, Chaibasa, West Singhbhum, Jharkhand

 TC-10898	TEST ANALYSIS REPORT	Doc No.: CBSA/DLWTL-QP-4-F30 Issue No.: 01 Revision No.: 00 Date : 05.03.2020
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Issued to : - KENDRIYA VIDYALAYA, CHAKRADHARPUR	URL – TC10898220000000427 Sample Code : - 230721GWCC427 Date of Issue – 25/07/2023 Customer Reference No. :- CRL/JUL-2023/07/427
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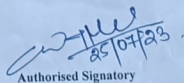
Sample Particulars	Details of Sampling
Sample Name/Description: - GROUND WATER Sample Quantity : - 1 LTR Sample pkg. Condition : - GOOD	Sample Received date: - 21/07/2023 Sample collected by: -CUSTOMER

Discipline: Chemical
 Test started on: - 21/07/2023 Test completed on :-22/07/2023

Sl. No.	Test Parameter	Unit	Results	Method	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit	Permissible Limit (In Absence of Alternate source)
1	pH	-	6.65	APHA 23 rd Ed.2017-4500-H ¹ B, (Electrometric method)	6.5 – 8.5	No relaxation
2	Total Dissolved Solids at 180° C	mg/L max	32	APHA 23 rd Ed.2017-2540 C, (Total Dissolved Solids Dried at 180° C)	500	2000
3	Turbidity	NTU max	1.1	APHA 23 rd Ed.2017-2130 B, (Nephelometric method)	1	5
4	Colour	Hazen unit	2	APHA 23 rd Ed.2017-2120 B, (Visual Comparison method)	5	15
5	Taste	-	-	IS 3025 (Part-7) (Taste Threshold)	Agreeable	Agreeable
6	Odour	-	AGREEABLE	IS 3025 (Part-5)	Agreeable	Agreeable
7	Total Alkalinity as CaCO ₃	mg/L max	20	APHA 23 rd Ed.2017-2320 B, (Titration method)	200	600
8	Total Hardness as CaCO ₃	mg/L max	20	APHA 23 rd Ed.2017-2340 C, (EDTA Titration method)	200	600
9	Calcium as Ca	mg/L max	4.8	APHA 23 rd Ed.2017-3500 Ca B, (EDTA Titration method)	75	200
10	Magnesium as Mg	mg/L max	1.92	APHA 23 rd Ed.2017-3500-Mg B, (Calculation method)	30	100
11	Chloride as Cl	mg/L max	13.99	APHA 23 rd Ed.2017-4500 CF B, (Argentometric method)	250	1000
12	Fluoride as F	mg/L max	0.09	APHA 23 rd Ed.2017-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50

Specific contractual notes: -

- The results listed refer only to the tested sample and applicable parameter.
- This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- This report can not be reproduced, except when in full, without the written permission of the Lab in-charge
- Tested Sample shall be retained up to Seven Days from the date of issue of the certificate.
- The liability of the laboratory is limited to the invoiced amount.


 Authorised Signatory

-----End of the Report-----

Technical Manager
 District Level Water Testing Laboratory
 D.W.& S. Division, Chaibasa