

# Sub. Divisional Water Testing Laboratory, Dabhara

## Public Health Engineering Department, Sakti

Near Govt. ITI College, Dabhara (C.G.)

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### Test Report

|                                                                                            |                          |            |                                                     |            |
|--------------------------------------------------------------------------------------------|--------------------------|------------|-----------------------------------------------------|------------|
| Kind of sample- Drinking water sample                                                      | Report no. 182           |            | Sampled by.. Staff Sarvodaya Public School- Hirapur |            |
|                                                                                            | Senders letter no./Date  | 16.01.2025 | Source –                                            | P.P        |
| Senders name & address -;<br>Principal Sarvodaya Public School -Hirapur, Distt- Sakti C.G. | Sample collection date   | 16.01.2025 | SDWTL Reciept date                                  | 16.01.2025 |
|                                                                                            | SDWTL receipt no.        | 182        | Date of analysis completed                          | 20.01.2025 |
|                                                                                            | Date of analysis started | 17.01.2025 |                                                     |            |

### Sample Details:-

| Sr.no. | Sample I.D.         | District /Block | City / Village | Location/source no./GPS identification |
|--------|---------------------|-----------------|----------------|----------------------------------------|
| 1      | SDWTL/PHED/DBR/1916 | Sakti/Dabhara   | Hirapur        | Sarvodaya Public School- Hirapur       |

### Details of parameters their test method units and specification as per IS/APIA :-

| Sr.no | Parameters                                  | Test method<br>IS:3025/APIA 23rd ed. |                 | Unit            | As per IS-10500-2012<br>drinking water |                          | Result of Sr.no. |   |   |   |   |
|-------|---------------------------------------------|--------------------------------------|-----------------|-----------------|----------------------------------------|--------------------------|------------------|---|---|---|---|
|       |                                             |                                      |                 |                 | Desira<br>ble<br>Limit                 | Permiss<br>ible<br>Limit | 1                | 2 | 3 | 4 | 5 |
| 1     | 2                                           | 3                                    | 4               | 5               | 6                                      | 7                        | -                | - | - | - | - |
| 1     | Turbidity                                   | IS:3025                              | Part-10         | NTU             | 1                                      | 5                        | 0.40             | - | - | - | - |
| 2     | Taste                                       | IS:3025                              | Part - 8        | Unobje<br>nable | Agr.                                   | Agr.                     | Agr.             | - | - | - | - |
| 3     | Colour                                      | APIA:23rd<br>ed                      | Part - 2120B    | Hazen           | 5                                      | 15                       | 1                | - | - | - | - |
| 4     | Odour                                       | IS:3025                              | Part - 05       | Unobje<br>nable | Agr.                                   | Agr.                     | Agr.             | - | - | - | - |
| 5     | pH                                          | IS:3025                              | Part - 11       | pH<br>scale     | 6.5 -<br>8.5                           | 6.5 - 8.5                | 6.80             | - | - | - | - |
| 6     | Total<br>Alkalinity as<br>CaCO <sub>3</sub> | APIA:23rd<br>ed                      | Part - 2320 B   | mg/l.           | 200                                    | 600                      | 89.55            | - | - | - | - |
| 7     | TDS                                         | APIA:23rd<br>ed                      | Part - 2540 - C | mg/l.           | 500                                    | 2000                     | 156              | - | - | - | - |
| 8     | Chloride as Cl                              | APIA:23rd<br>ed                      | Part - 4500 - C | mg/l.           | 250                                    | 1000                     | 14.67            | - | - | - | - |
| 9     | Total Hardness<br>as CaCO <sub>3</sub>      | APIA:23rd<br>ed                      | Part - 2340 - C | mg/l.           | 200                                    | 600                      | 50.50            | - | - | - | - |
| 10    | Calcium as<br>Ca <sup>++</sup>              | APIA:23rd<br>ed                      | Part - 3500-Ca  | mg/l.           | 75                                     | 200                      | 16.19            | - | - | - | - |
| 11    | Magnesium as<br>Mg <sup>++</sup>            | APIA:23rd<br>ed                      | 3500 - Mg - B   | mg/l.           | 30                                     | 100                      | 2.45             | - | - | - | - |

- 1 The report should not be produced partly or full without approval signatory authority of legal purpose.
2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
- 3 The results refer only to tested samples and parameters.
4. This Lab does not hold any responsibility for verification in results for samples kept on hold for wants of clarification.
5. Samples will be stored for a period of 10 days from date of issue of report

  
Analyst

## PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 182

Dated: 20/01/25

It is certified that an inspection team headed by Pramod Kumar Ghoshvastava from **Dabhara PHED** inspected the **Sarvodaya Public School, Hirapur, Chandrapur, Dist- Sakti Chhattisgarh** on ..... and on the basis of Water Test Report (Attached) bearing no..... dated..... of ..... (PHED Lab) certified that the **Sarvodaya Public School, Hirapur, Chandrapur, Dist- Sakti Chhattisgarh** has safe drinking water facilities for the students and members of staff of the institution. School is also maintains the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt. This certificate is valid till .....

  
 सहायक अभियंता  
 नोक स्वास्थ्य यांत्रिकी विभाग  
 छत्तीसगढ़ प्रदेश

Signature with Seal: .....  
 Name : Pramod Kumar Ghoshvastava  
 Designation : Assistant Engineer  
 Name & Address of the Office/Department :  
Office of the Assistant Engineer  
Sub Division-Dabhara, Dist-Sakti

To  
 Sarvodaya Public School,  
 Hirapur, Chandrapur, Dist- Sakti (Chhattisgarh)

Note: The certificate is to be issued by authorized officer / PHED Lab / local bodies