## Drinking Water and Sanitation Division , Gumla

**District Level Water Testing Laboratory , Gumla**

| | |
|---|---|
| Name of Customer / Institution :- | The Assembly of god church school Barkadih |
| Address of Customer / Institution :- | Block :- Ghaghra |
| | Panchayat :- Chapka |
| | Village :- Barkadih ( Andhradih) |
| Sample Collector :- | Binita kumari |
| Type of Source :- | Boring |
| Date of Sample Collection :- | 08-09-2026 |
| Date of Analysis :- | 08-09-2026 |

**Test Report**

| Sl. No. | Parameter | Unit | Acceptable Limit | Permissible Limit | Result | Remarks |
|---|---|---|---|---|---|---|
| 1 | Total Dissolved Soids (TDS) | mg/L | 500 | 2000 | 154 | |
| 2 | Chloride as Cl | mg/L | 250 | 1000 | 14 | |
| 3 | Total Alkalinity as $CaCO_3$ | mg/L | 200 | 600 | 116 | |
| 4 | Total Hardness as $CaCO_3$ | mg/L | 200 | 600 | 76 | |
| 5 | Calcium as Ca | mg/L | 75 | 200 | 12.8 | |
| 6 | Magnesium as Mg | mg/L | 30 | 100 | 10.69 | |
| 7 | pH | - | 6.5 | 8.5 | 6.93 | |
| 8 | Turbidity | NTU | 1 | 5 | 2.8 | |
| 9 | Colour | HU | 1 | 15 | 10 | |
| 10 | Odour | - | Agreeable | Agreeable | Agreeable | |
| 11 | Taste | - | Agreeable | Agreeable | Agreeable | |

12/09/26
Chemist
DLWTL Gumla

12/09/26
Quality Manager
DLWTL Gumla

12/09/26
Junior Engineer
DW&S SEC Gumla- 2

12/9/26
Assistant Engineer
DW&S Sub Div Gumla- 2
Assistant Engineer
Drinking Water & Sanitation
Sub-division No-II Gumla

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