

DISTRICT/DIVISION WATER TESTING LABORATORY
NATIONAL DRINKING WATER MISSION/WATER SUPPLY AND SANITATION DIVISION)

ANALYSIS REPORT ON WATER SAMPLE
(District/State.....)

Date: 25-06-2024

Ref: CBW/CRL/JUN-24/17

PARTICULARS OF SAMPLE

Place/Name of Village	:	TORSINDUR
Block/District	:	KHUNTPANI
Source	:	DEEP BORING
Sealed/Unsealed	:	SEALED
Date and Time of Collection	:	24/06/2024 ; 10:30 AM
Dept	:	EDUCATION
Spring Level	:	
Name and Designation of the Person collecting the samples	:	RAJEN KACHHAP, CLERK

District Level Water Testing Laboratory
Chaibasa, Jharkhand

TEST RESULTS

PHYSICAL AND CHEMICAL

Parameters	Results	BIS Desirable limit	Permissible Limit in absence of Alternate source
Turbidity (JTU)	1.4	1 NTU	05 NTU
Colour (Unit o Pt-Co Scale)	04	5 HU	15 HU
Taste and Odours (Qualitative)	Agreeable	Agreeable	Agreeable
PH	6.75	6.5	8.5
Total Dissolved Solids (mg/l)	380	500	2000
Total Alkalinity (as CaCO ₃) mg/l	196	200	600
Total Hardness (as CaCO ₃) mg/l	260	200	600
Calcium	67.2	75	200
Magnesium	22.08	30	100
Carbonate	-		
Non-Carbonate	-		
Chlorides (as Cl) mg/l	81.95	250	1000
Sulphates (as SO ₄) mg/l	-		
Fluorides (as F) mg/l	0.791	1.0	1.5
Nitrate (as NO ₃) mg/l	5	45	No Relaxation
Iron (as Fe) mg/l	0.1	1.0	No Relaxation
Residual Chlorine (as Cl) mg/l	0.2	0.2	1.0
Conductivity micromhos/cm	584	-	-

BACTERIOLOGICAL

1. Plate Count (Colonies/ml) Absent
2. Coliform Organism (MPN/100 ml)

REMARKS: (in view of the above analysis)

1. The water is ~~potable~~/non potable as Tested Result.
2. The following parameters are more then acceptable but less than the cause for rejection limit.

C. M. S.
26/06/24
(Sign & Stamp)

CHEMIST

Water Supply & Santitation
Division/District level Water Testing
Technical Manager
District Level Water Testing Laboratory
D.W. & S. Division, Chaibasa