

District Water Testing Laboratory

PUBLIC HEALTH ENGINEERING DEPARTMENT BILASPUR (C.G.)

District Bilaspur Block Pendra Village Lata
(Code No.) Gourela Pendra Marwahi (Code No.)

Particulars of Sample :

Details of Source & Location

- (i) Date of collection 08.04.2021 (i) Tubewell water
(ii) Date of Sample receive in Lab. 08.04.2021 (ii)
(iii) Date of analysis 08.04.2021 (iii)
(iv) Reference (if any) Sample sent by Pendra G.P. (iv)
(v) Ekla xq. Pendra Marwahi, Pendra, Bilaspur (C.G.) (v)

S. No.	CHARACTERISTIC	UNIT	ACCEP- TABLE	CAUSE FOR REJECTION	RESULTS				
					i	ii	iii	iv	v
A	<u>Physical Test</u>								
1.	Temperature	°C	-	-					
2.	Turbidity	N.T.U.	1.0	5.0	0.98				
3.	Colour	Pt. Cobalt Scale	5.0	25					
4.	Test & Odour	-	Unobjec- tionable	Objecti- onable	Unobje- ctionable				
B.	<u>Chemical Test</u>								
5.	pH	pH Scale	7.0 to 8.5	<6.5 or >9.2	7.01				
6.	Conductivity	Micromhos/cm	-	-	0.34				
7.	Total (M.O.) Alkalinity	mg/l	200	600	153.23				
8.	Chlorides	mg/l	250	1000	09.64				
9.	Nitrates	mg/l	10	45	-				
10.	Sulphate	mg/l	200	400	-				
11.	Total Hardness as CaCO ₃	mg/l	200	600	108.90				
12.	Calcium (as Ca)	mg/l	75	200	22.17				
13.	Magnesium (as Mg)	mg/l	30	150	12.84				
14.	Total Dissolved Solids	mg/l	500	1500	204				
15.	Iron (Fe)	mg/l	0.3	1.0	0.30				
16.	Fluorides	mg/l	1.0	1.5	0.189				
17.	Residual Chlorine	ppm	-	-	Nil				
18.	Cogulant Dose Jar Tests	mg/l	-	-	-				
C.	<u>Bacteriological Test</u>								
19.	Coliform Organisms at 37°C	MPN (100ml)	24 Hr. 48 Hr.	- -	Nil Nil				
20.	Faecal Coliform	per 100ml							
D.	<u>Other Test</u>								
(i)									
(ii)									

Remarks Tested Parameter 18/04/2021 Permissible Limit

Tested By : [Signature]

[Signature]
Assistant Engineer
P.H.E. Sub Division

[Signature]
एकलव्य आदर्श आवासीय विद्यालय
लाटा पेण्ड्रा, जिला: गौरेला पेण्ड्रा मरवाही (छ.ग.)

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विद्यालय समिति
जिला-गौरेला पेण्ड्रा मरवाही (छ.ग.)