

कार्यालय सहायक अभियंता
लोक स्वास्थ्य यांत्रिकी उपखण्ड,
गरियाबंद (छ.ग.)

क्रमांक 25 / जि.प्र. / लो.स्वा.यां. / उपखण्ड, 2021

गरियाबंद, दिनांक 02/11/2021

प्रति,

✓ प्राचार्य
एस.टी. जॉन्स हायर सेकण्डरी स्कूल,
कोमाखान रोड छुरा,
जिला - गरियाबंद (छ.ग.)


विषय :- जल परीक्षण के संबंध में।

संदर्भ :- आपका पत्र क्रमांक SJHSS No. 414 दिनांक 29.10.2021

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उपरोक्त संदर्भित विषयांतर्गत लेख है कि आपके द्वारा 01 जल नमूना
परीक्षण हेतु प्रेषित किया गया था, जिसका परीक्षण कर रिपोर्ट आपकी ओर प्रेषित है।

संलग्न :- जल परीक्षण रिपोर्ट।


सहायक अभियंता
लोक स्वास्थ्य यांत्रिकी उपखण्ड
गरियाबंद (छ.ग.)



TC- 9590

District Water Testing Laboratory

Public Health Engineering Department, Div. Gariyaband
Devbhog Main Road, Rawanbatha, Keshodar Road Gariyaband (C.G.)
e-mail: eegar-phe-cg@nic.in

Test Report (Drinking Water)

Report no. DL/PHED/GBD - 136	ULR No. TC959020210000136F	Group: Drinking Water	
Senders name & address: Principal St. John's Higher Secondary School, Komakhan Road Chhura, Dist - Gariyaband (C.G.) Pin - 493996	Senders letter no./Date	414/29.10.2021	Sampled by Mr. Lovit Ratnakar
	Sample collection date	29.10.2021	Sampling Plan & procedure Sampling not done by Lab staff
	DL receipt no.	136	DL Receipt date 29.10.2021
	Date of analysis started	29.10.2021	Date of analysis completed 02.11.2021

Sample Details

S.N.	Sample I.D.	District /Block	City / Village	Habitation	Location/Source ID /GPS Identification
1	136/1646/10/2021	Chhura	Chhura	Chhura	St. John's Higher Secondary School Borewell
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Details of parameters their test method units and specification as per ISI/APHA

S.N.	Parameters	Test method IS:3025/APHA 23rd ed.		Unit	As per IS-10500-2012 drinking water		Result Of S.No.					
		Method	Part no.		Acceptable Limit	Permissible Limit	1	2	3	4	5	6
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Turbidity (25°C)	APHA23rd ed	2130 B 2017	NTU	1	5	1.62	-	-	-	-	-
2	pH (25°C)	APHA23rd ed	4500 B 2017	PH scale	6.5-8.5	No Relaxation	7.08	-	-	-	-	-
3	Alkalinity as CaCO ₃	APHA23rd ed	2320 B 2017	mg/l	200	600	132.0	-	-	-	-	-
4	Chloride as CL	APHA23rd ed	4500 B 2017	mg/l	250	1000	38.14	-	-	-	-	-
5	Total Hardness as CaCO ₃	APHA23rd ed	2340 C 2017	mg/l	200	600	136.34	-	-	-	-	-
6	Calcium as Ca ²⁺	APHA23rd ed	3500 B 2017	mg/l	75	200	41.97	-	-	-	-	-
7	Magnesium as Mg ²⁺	APHA23rd ed	3500mg B 2017	mg/l	30	100	7.68	-	-	-	-	-
8	Colour	APHA23rd ed	2120 Colour Method B	Hazen	05	15	1	-	-	-	-	-
9	Taste	IS 3025	Part- 8 2017	-	Agreeable	Agreeable	Agreeable	-	-	-	-	-
10	Odour	IS 3025	Part- 5 2018	-	Agreeable	Agreeable	Agreeable	-	-	-	-	-
11	TDS	APHA23rd ed	2540 C 2017	mg/l	500	2000	173.33	-	-	-	-	-

- 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 Samples will be stored for a period of 10 days from date of issue of report
- 5 This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification
- 6 The Laboratory does not give interpretation on Test result Passed / Failed

(Vani Sahu)
(Vani Sahu)
 Authorized Signatory
 Quality Manager (NABL)
 PHED- GARIYABAND

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1	2	3	4	5	6	7	8	9	10	11	12	13
12	Iron	APHA 23rd ed	3500 -Fe -B	mg/l	0.3	1.0	-	-	-	-	-	-
13	Nitrates	APHA 23rd ed	4500 NO3 - B	mg/l	45	No Relaxation	-	-	-	-	-	-
14	Fluoride	APHA 23rd ed	4500-F - C	mg/l	1.0	1.5	0.220	-	-	-	-	-
15	Residual Chlorine	-	-	mg/l	0.2	1.0	-	-	-	-	-	-
16	Sulphate	IS 3025	Part- 24	mg/l	200	400	25.30	-	-	-	-	-
17	Manganese	APHA23rd ed	3500Mn-B	Mg/l	0.1	0.3	-	-	-	-	-	-
18	Spe Conductivity	IS 3025	Part- 14	µmho/cm	-	-	-	-	-	-	-	-
19	E Coli	-	-	CFU/100ml	Nil	Nil	-	-	-	-	-	-

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(Vant Sahu)
 District Water Testing Laboratory
 P.H.E.D. Gariyaband (C.G.)
 Quality Manager (NABL)
 PHED- GARIYABAND

Issue no. 136/ Date :- 02.11.2021

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:End of Test Report :