## BHILAI INSTITUTE OF TECHNOLOGY

Durg (Chhattisgarh)

An Autonomous Institute

Approved by AICTE, New Delhi Affiliated to CSVTU, Bhilai



भिलाई प्रौद्योगिकी संर

दुम (छत्तासमढ़) स्वशासी महाविद्यालय

NIRF-2020 Rank Band 251-300 An ISO 9001:2015 Certified Institution

(Seth Balkrishan Memorial Estd. 1986

All UG Courses Accredited by NBA Accredited by NAAC with "A" Grade

No.BIT/Testing /E-Chem/ 358

Dated11.07.2022

TO, Principal

Nalanada English Medium Higher Secondary School,

Kurud, Bhilai

**Result of Submitted water sample** 

Dear Sir,

Following is the result of water sample submitted by you. Kindly note that the result pertains to the sample submitted. All usual precautions and standards method of analysis have been used.

SI	Parameter	Sample	Permissible
no		BEC	limits(BIS
		(Bore New)	standard)
1	PH	7.68	6.5-8.5
2	Alkanity as Ca CO <sub>3</sub> (ppm)	222.5	600 ppm
3	CO <sub>3</sub> -(ppm)	50	- PP
4	HCO <sub>3</sub> -(ppm)	172.5	_
5	OH <sup>-</sup> (ppm)		-
6	Total hardness as CaCO <sub>3</sub> (ppm)	350	600 ppm
7	Total Dissolved Solids (ppm)	232.9	2000 ppm
8	Conductivity(µS/cm)	466.3	-
9	Salinity (%)	0.9	-
10	Flouride	0.9	1.5
11	Silica	BDL	1.3
12	Iron	BDL	1
13	Chloride	62.45	1000
14	Bacterial count (mpl bacterial count)	0/100ml	0/100ml

BDL -Below Detection Limit

Dr S.K Sar

Head, Applied Chemistry

PRINCIPAL

Nalanda English Medium School KURUD, JAMUL (A C.C.) P.O. RNILAI. (CHHATTICARH) 49002

(Dr.M K Gupta) Principal

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