



No.BIT/Testing /E-Chem/ 358

Dated 11.07.2022

TO,  
Principal  
Nalanada English Medium Higher Secondary School,  
Kurud , Bhilai

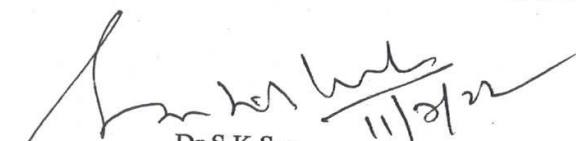
**Result of Submitted water sample**

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.

Sl no	Parameter	Sample BEC ( Bore New )	Permissible limits(BIS 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	-
4	HCO <sub>3</sub> (ppm)	172.5	-
5	OH (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	-
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

  
(Dr.M K Gupta)  
Principal

  
**PRINCIPAL**  
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