



REPORT ON SHORT CHEMICAL EXAMINATION OF WATER

Name & Address

Shree Ghanshyam Academy

At & Post : Naranpar, Taluka : Bhuj

Bhuj

Sender's Ref. No. : 1835

Ref. Date : 07.02.20

Date of Collection : 10.02.20

Date of Arrival : 10.02.20

Lab. Ref. No. - CW : 1161

Sample Collected By : Sendar

Source of water Sample :-

Bore Well, 700 ft depth

Village:NARANPAR, Habitation:0, Taluka:BHUJ, District:KUTCH

Sr. No.	CHARACTERISTIC	Value as per IS 10500 : 2012 [2 nd Revision]		Analytical Value
		Requirement [Acceptable Limit] MAX	* Permissible Limit in the absence of Alternate Source MAX	
1	Colour - Hazen Units	5	15	0
2	Odour	Agreeable	Agreeable	Agreeable
3	Turbidity - NTU	1	5	1.02
4	Dissolve Solids - mg/l	500	2000	266
5	Conductivity - μ s/cm	410
6	pH	6.5 to 8.5	No Relaxation	7.98
7	Total Hardness (as CaCO ₃) mg/l	200	600	96
8	Calcium (as Ca ⁺²) mg/l	75	200	18
9	Magnesium (as Mg ⁺²) mg/l	30	100	13
10	Chloride (as Cl ⁻) mg/l	250	1000	91
11	Sulphate (as SO ₄ ⁻²) mg/l	200	400	29
12	Nitrates (as NO ₃ ⁻) mg/l	45	No Relaxation	0.00
13	Fluoride (as F ⁻) mg/l	1.0	1.5	0.12
14	Alkalinity (as CaCO ₃) mg/l	200	600	24
Opinion for Potability is given as per Analysed test parameter/s only.				FIT

@ : Looking to the analysis result of BCW No.1161 the source may be of R.O. water and not of Bore Well water hence resampling is required.

Note:

* It is recommended that the 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 "permissible limit in the absence of alternate source" above which the sources will have to be rejected.

1. Test Report is issued for assessing Chemical Fitness as per the BIS 10500:2012 for the given Drinking Water Sample only.
2. This Report should not be taken as a basis to getting license from any Government authority.
3. Chemical Sample must be submitted within 72 hours to laboratory from time of collecting sample.
4. Excessive Turbidity, if any may be removed before use.

Checked By
Chemist / Microbiologist

Outward No.: CAR / 88 / of 2020, Date : 11 / 02 / 2020

Laboratory In charge