



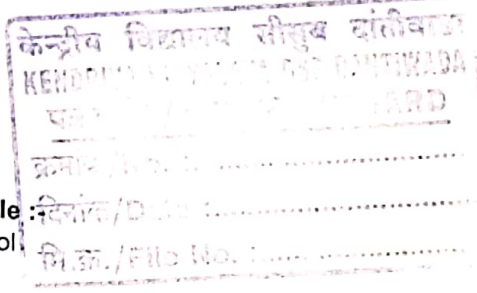
ಶಿಕ್ಷಣ ಮತ್ತು ಸಂಶೋಧನೆ
ನೀರು ಸಂರಕ್ಷಣೆ ಮತ್ತು ಸ್ವಚ್ಛತೆ
ಜನರ ಆರೋಗ್ಯ ಸುರಕ್ಷಿಸಿ ನೀರನ್ನು
ಪುನಃ ಪುನಃ ಸ್ವಚ್ಛಗೊಳಿಸಿ,
ಪ್ರಜ್ಞೆ ಬೆಳೆಸಿ ನೀರನ್ನು,
ಉತ್ತಮ ನೀರಿನ ಮೂಲ ನಿರ್ಮಿಸಿ,
ನೀರು-ಜೀವನಕ್ಕೆ, ಸಮಾನತೆ : ಜನಸಂಪನ್ಮೂಲ
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Block Laboratory
O/o The Dy. Ex. Engineer,
Public Health Sanitary Sub Division,
Pani Purvatha Staff Quarter,
B/H Judge's Bungalow,
Nr. Indira Gandhi Bhavan,
DEESA-385535, District : B K.



REPORT ON SHORT CHEMICAL EXAMINATION OF WATER

Name & Address
K.V. B.S.F
Taluka - Dantiwada
Dhanera



Sender's Ref. No. : 110
Ref. Date : 30-Aug-18
Date of Collection : 31-Aug-18
Date of Arrival : 31-Aug-18
Lab. Ref. No. - CW : 351
Sample Collected By : Sender

Source of water Sample :
R.O. Plant In K.V. School

Village:DANTIWADA, Habitation:DANTIWADA, Taluka:DANTIWADA, District:BANASKANTHA

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	Nil
2	Odour	U.O.	U.O.	U.O.
3	Turbidity - NTU	1	5	Nil
4	Dissolve Solids - mg/l	500	2000	68
5	Conductivity - µs/cm	105
6	pH	6.5 to 8.5	No Relaxation	7.34 ✓
7	Total Hardness (as CaCO ₃) mg/l	200	600	40
8	Calcium (as Ca ⁺²) mg/l	75	200	14
9	Magnesium (as Mg ⁺²) mg/l	30	100	1
10	Chloride (as Cl ⁻) mg/l	250	1000	12
11	Sulphate (as SO ₄ ⁻²) mg/l	200	400	1
12	Nitrates (as NO ₃ ⁻) mg/l	45	No Relaxation	0.00
13	Fluoride (as F ⁻) mg/l	1.0	1.5	0.24
14	Alkalinity (as CaCO ₃) mg/l	200	600	8
15	-----	-----	-----	-----
16	-----	-----	-----	-----
Opinion for Potability is given as per Analysed test parameter/s only.				FIT

of
Lab
22/11/18

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.

Outward No.: CAR / camp10 / of 2018, Date : 03 / 10 / 2018
PLN

K.S.Nalvy
Laboratory In charge