



GOVT. OF MAHARASHTRA

JUNIOR SCIENTIFIC OFFICER, HEALTH SERVICES
DISTRICT PUBLIC HEALTH LABORATORY, SATARA.
 Old Civil Campus Guruwar Peth Satara , 02



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HEALTH SERVICES

NO.DPHL/SATARA/Pvt -39&40/ 3250/ 2023

DATE :- 01/08/2023

Report on Chemical Analysis Of Water

Sent by :- Vidya Niketan School Pachagani

Tal:- Wai Dist- Satara

With Ref. letter No :- ----

Dated :- 31/07/2023

Date of Collection :-
31/07/2023

Date of Receipt :- 31/07/2023

Date of Examination :- 31/07/2023 onwards

(All the Analytical Results are in mg. / Lit. except pH , Turbidity)

SR. NO	TEST PARAMETER	S.No. - 39 (Pvt-39) well	S.No. - 40 (Pvt-40) Bore well	BIS Specifications 10500 : 2012 Normal Values	
				Desirable limit	Permissible limit
1	Physical Appearance	Clear	Clear	---	---
2	Odour	agreeable	agreeable	agreeable	agreeable
3	Turbidity (as N.T.U.)	0.17	0.18	1.0	5.0
4	pH Value	7.35	7.30	6.5 to 8.5	No relaxation
5	Chlorides (as Cl)	54	70	250	1000
6	Nitrates (as No3)	--	--	45	No relaxation
7	Total Hardness (as Caco3)	358	356	200	600
8	Alkalinity (as Caco3)	372	332	200	600
9	Total Dissolved Solids	775	789	500	2000
10	Iron (as Fe)	--	--	1.0	No relaxation
11	Fluoride (as F)	---	---	1.0	1.5

- his report is restricted only for the sample /s submitted to this laboratory.
- It is presumed that the representative sample from the source is sent for analysis.
- This Sample /s is /are not collected by this laboratory

S.No. -39 &40 is chemically fit for drinking purpose on the basis of analysed parameters only.

However, this water source can be used for drinking purpose only after proper treatment, disinfection & ascertain its bacteriological quality frequently or regularly.

S.No. 39 &40 - Contains Alkalinity & Total Hardness, Total dissolved Solids more than desirable limit 200 PPM, & 500 PPM resp. as per BIS Specification 10500 : 2012.

Ashwath
 Dr. Junior Scientific Officer,
 District Health Laboratory,
 Satara.