

WATER ANALYSIS REPORT

Sub-Divisional Level Laboratory (Margherita), Digboi



1. Report No. SDLL(Margherita)-DIGBOI/2019-20/.....802.....27-02-2020
2. Name of Organisation : _____
3. Pin Point Location : The Little Stars Trust
4. G.P. : Borbil
5. Village : Borbil NO.
6. Habitation : _____
7. Date and Time of Collection : 24/2/2020 , : AM/PM
8. Date of Test : 24/2/2020 - / /2020
9. Source Of Sample : Ground water
10. Nature of Test(physical/chemical/bacteriological)

PARTICULARS	Desirable Limit	Permissible Limit	Value	
PHYSICAL TESTS				
1. Colour	5	15		Hazen Units
2. Odour	Agreeable	Agreeable		
3. Taste	Agreeable	Agreeable		
4. Turbidity	1	5	1.91	NTU
CHEMICAL TESTS				
1. pH	6.5	8.5	6.97	pH
2. Iron (Fe)	0.3	1	0.13	mg/l
3. Alkalinity	200	600	80	mg/l
4. Chloride (Cl)	250	1000	26	mg/l
5. Residual Chlorine	0.2	1	0.10	mg/l
6. Hardness (CaCO ₃)	200	600	132	mg/l
7. Ca Hardness	75	200	54	mg/l
8. Total Dissolved Solids(TDS)	500	2000		mg/l
9. Manganese (Mn)	0.1	0.3		mg/l
10. Flouride (F)	1	1.5		mg/l
11. Nitrate(NO ₃)	45	45		mg/l
12. Arsenic (As)	0.01	0.01		mg/l

BACTERIOLOGICAL TEST

Total Bacilli Coliform MPN/100ml..... *Not found*

Total F.E. Coliform MPN/100.....

Excellent.....No Coliform organism/100ml

Satisfactory.....1 to 2 -do- /100ml

Suspicious.....2 to 10 -do- /100ml

Unsatisfactory.....More than 10 -do- /100ml

REMARKS: *Safe for drinking purpose.*

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