



**WATER SAMPLE TEST REPORT OF 'CHINMAYA PUBLIC SCHOOL'(CBSE).  
'MOHINI VIHAR', FERTILIZER TOWNSHIP, IDL ROAD,  
P.O ROURKELA - 16, ODISHA, Dt. SUNDERGARH, PIN - 769016.**

Lab.let.no.122 Dt.30.05.21

1. Sample Collected by: Messenger of owner (Kailash Chandra Dash, Mob:- 7008382689)
2. Date of Collection : 28-05- 21.
3. Source : Borewell Water.
4. Date of Test : 28- 05- 21.
5. Water Quality Parameters :

**Owner: Principal, Chinmaya Public School, Mrs. Biswakalyani Dash.**

Water Quality Parameters with measuring unit.	Sample No. II Borewell Water	BIS (IS:10500 of 2012) Standard (Maximum Limit)
i) Odour : Ophthalmic sense	Odourless	Odourless
ii) Colour : Hazen Unit.	8.77	15
iii) Turbidity in NTU :	3.15	5.00 NTU
iv) Electrical Conductivity in us/cm. :	1249	3000
v) Sulphate (as SO <sub>4</sub> <sup>-2</sup> ) in mg/l	2.80	400
vi) Total Dissolved solid in mg/l :	755	2000
vii) Chloride (as Cl <sup>-</sup> ) in mg/l :	95.0	1000
viii) Fluoride (as F <sup>-</sup> ) in mg/l :	0.07	1.5
ix) Nitrate ( as NO <sub>3</sub> ) in mg/l:	21.05	45
x) Total dissolved Iron ( as Fe <sup>+2</sup> ) in mg/l :	0.73	0.3
xi) pH at room temp:	6.41 at 24.9° C	6.5 to 8.5 at 25° C
xii) Alkalynity as mg/l, of CaCO <sub>3</sub> :	50.6	600
xiii) Total Hardness as mg/l, of CaCO <sub>3</sub> :	521	600
xiv) Ammonia Nitrogen in mg/l, (NH <sub>3</sub> as N)	0.058.	0.5
xv) Calcium as 'Ca' in mg/l,	125	200
xvi) Residual Chlorine as 'Cl' in mg/l,	Nil	0.20
xvii) Microbiological Assay Total Coliform Bacteria :	Absent	Nil

Remarks : With respect to the above test results the water is good, as per BIS norms, IS;10500 of 2012, the water is potable & suitable for drinking purpose.

*Kallol Dey* 30/5/21

Asst. Analyst (Chemist)  
P.H.Head Works. Laboratory,  
Panposh, Rourkela :769004



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3. Source : Borewell Water. 4. Date of Test : 28- 05- 21.  
**Owner: Principal,Chinmaya Public School,Mrs.Biswakalyani Dash.**  
5. Water Quality Parameters :

Water Quality Parameters with measuring unit.	Sample No. I Aqua Guard	BIS (IS:10500 of 2012) Standard (Maximum Limit)
i) Odour : Ophthalmic sense	Odourless	Odourless
ii) Colour : Hazen Unit.	8.50	15
iii) Turbidity in NTU :	2.44	5.00 NTU
iv) Electrical Conductivity in us/cm. :	957	3000
v) Sulphate (as SO <sub>4</sub> <sup>-2</sup> ) in mg/l	2.50	400
vi) Total Dissolved solid in mg/l :	635	2000
vii) Chloride (as Cl <sup>-</sup> ) in mg/l :	95.0	1000
viii) Fluoride (as F <sup>-</sup> ) in mg/l :	0.07	1.5
ix) Nitrate ( as NO <sub>3</sub> ) in mg/l:	19.25	45
x) Total dissolved Iron ( as Fe <sup>+2</sup> ) in mg/l :	0.42	0.3
xi) pH at room temp:	6.70 at 24.9° C	6.5 to 8.5 at 25° C
xii) Alkalynity as mg/l, of CaCO <sub>3</sub> :	44.9	600
xiii) Total Hardness as mg/l, of CaCO <sub>3</sub> :	425	600
xiv) Ammonia Nitrogen in mg/l, (NH <sub>3</sub> as N)	0.023.	0.5
xv) Calcium as 'Ca' in mg/l,	101	200
xvi) Residual Chlorine as 'Cl' in mg/l,	Nil	0.20
xvii) Microbiological Assay Total Coliform Bacteria :	Absent	Nil

Remarks : With respect to the above test results the water is good, as per BIS norms, IS;10500 of 2012, the water is potable & suitable for drinking purpose.

*Kailash Dash*  
30/5/21

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