



WATER QUALITY TESTING LABORATORY
PHE & WS DIVISION YUPIA
ARUNACHAL PRADESH

WATER ANALYSIS REPORT

Name / Address and phone No. of sender :- Er Hollang kaya JE Balijan
Sample Source and Location :- Bore well Orion International School Hollongi
Patila Balijan;
Date and time of receipt at laboratory :- 21st August 2026 12.05 pm
Date and time of completion of Chemical Testing :- 24rd August 2026 11.30 am

PHYSICAL AND CHEMICAL PARAMETERS

Sl.no.	Parameter (unit)	Acceptable Limit (BIS)	Permissible Limit (BIS)	Result
1	PH	6.5-8.5	No relaxation	7.5
2	Temperature	-	-	22.3
3	IRON as Fe (mg / L)	1.0 mg / L	No relaxation	0.0 mg / L
4	TOTAL HARDNESS as CaCO ₃ (mg / L)	200 mg / L	600 mg / L	90 mg / L
5	CHLORIDE as Cl (mg / L)	250 mg / L	1000 mg / L	60 mg / L
6	Residual Chlorine (mg / L)	0.5 mg / L	No relaxation	0.00 mg / L
7	Nitrate as NO ₃ (mg / L)	45 mg / L	No relaxation	0.00 mg / L
8	Fluoride as F (mg / L)	1.0 mg / L	1.5 mg / L	0.00 mg / L
9	Turbidity (NTU)	1NTU	5 NTU	0.0 NTU
10	Total Alkalinity (CaCO ₃)	200 mg/l	600mg/l	75 mg / L
11	Ammonia(as total ammonia-N) mg / L	0.5 mg / L	No Relaxation	0.00 mg / L
12	TDS	500 mg/l	2000mg/l	60.6mg/l
13	Electrical conductivity(unit/cm)	-	-	72.4mg/l
14	Phosphate	2.0 mg/L	No relaxation	0.01 mg/L
15	Sulphate(mg/l)	200mg/l	400mg/l	1.08mg/l
16	Arsenic(mg/l)	0.01mg/l	No relaxation	Nil
17	Dissolved oxygen(mg/l)	-	-	9.05mg/l
18	Total Coliform Bacteria(E-Coli)	Presence/Absence	Absence	Negative
19	Faecal Coliform Bacteria (per 100mg/l).	Presence/Absence	/Absence	negative

REMARKS SAFE FOR DRINKING (All the tested parameters are within BIS permission limit...

Self-Attended
Principal
THE ORION INTERNATIONAL SCHOOL
HOLLONGI, PATILA, BALIJAN, P.O.
PAPUM PARE, DIST. BALIJAN
ARUNACHAL PRADESH - 791123

Rankap Welly
Laboratory Assistant
PHE & WS DIVISION
YUPIA, ARUNACHAL PRADESH

Er Hollang Kaya
Junior Engineer
PHE & WS Sub- Division
Balijan

CHAIRMAN
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Er Nabam Atung
Assistant Engineer
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