

LABORATORY

PUBLIC HEALTH ENGINEERING DEPARTMENT

Block Daimukh Panchayat Village Nirjuli
 Sample from New Galaxy Academy
 Reference No/Date 17/06/2023
 Particulars of Sample Bore well sample
 Date of Collection 05/06/2023 Date of Analysis 19/06/2023
 Location Sample No (1) R.O
(2) Raw water

S.No	Characteristics	Units	As per manual I.S. 10500 1991 water treatment Acceptable rejection		Results					
					1	2				
PHYSICAL										
01	Turbidity	NTU	5.0	10.0	0.7	1.0				
02	Colour	P/Cobalt Scale	5.0	25.0	Nil	Nil				
03	Taste & odour				Nil	Nil				
CHEMICAL										
04	pH	pH Scale	6.5 to 8.5		6.84	7.48				
05	Alkalinity	mg/l			40	300				
06	Chlorides	mg/l	250	1000	19	20				
07	Nitrates		45							
08	Total Hardness		300 as CaCO ₃	600	30	800				
09	Calcium Hardness		75 as Ca	200	10	52				
10	Magnesium Hardness		30 as mg	50	48	35.53				
11	Total Solids									
11a	Dissolved Solid		500	2000	134	700				
11b	Suspended Solid									
12	Iron	mg/l	0.1	1						
13	Fluorides		0.1	1.5	0.07	0.57				

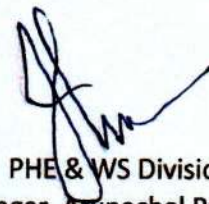
14	Residual Chloride		0.2	1						
15	M.P.N.				AB	AB				
16	Conductivity				228	1189				
Biological										
17	M.P.N. of coil from per 100 ml				AB	AB				

Special Test

- (1)
- (2)
- (3)

Chemist:

Remarks: As per the last report, the water is safe for drinking.



PHE & WS Division
Itanagar, Arunachal Pradesh

Tad Logi
Assistant Engineer
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Itanagar



Principal,
New Galaxy Academy
NIRJULI (A.P.)