

# SUB DIVISION LEVEL WATER TESTING LABORATORY

PUBLIC HEALTH ENGINEERING SUB DIVISION, SARAIPALI

Block - Basna

District :- Mahasamund (C.G.)

Particulars of Sample

Details of Village & Location

Date of Collection...24-01-2022

(1) **Pratibha Public School Khatkhati Basna**

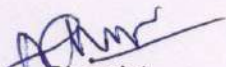
Date of Received...24-01-2022

Date of Analysis...25-01-2022

Water source - Tube well

S. N o.	Characteristics	Unit Table	Accepta-ble Limit	Permissi-ble Limit	Actual Limit in Tested Sample					
					(1)	(2)	(3)	(4)	(5)	(6)
<b>PHYSICAL ANALYSIS</b>										
1	PH	PH scale	6.5 - 8.5	6.5 - 8.5	7.5					
2	Turbidity	N.T.U.	5	5	0.0					
3	T D S	mg/l	500	2000	-					
4	Conductivity	S/cm	-	-	-					
<b>CHEMICAL ANALYSIS</b>										
5	Total Alkalinity	mg/l	200	600						
6	Total Hardness	mg/l	300	600	150					
7	Calciums(as Ca)	mg/l	75	200	-					
8	Magnesium(mg)	mg/l	30	100	-					
9	Chloride	mg/l	250	1000	50					
10	Fluorides	mg/l	1.0	1.5	0.0					
11	Sulphates(So <sub>4</sub> )	mg/l	200	400	-					
12	Nitrates	mg/l	45	45	0.0					
13	Iron	mg/l	0.3	0.3	0.0					
14	Arsenic	mg/l	0.05	0.05	-					
15	Manganese	mg/l	0.1	0.3	-					
16	Residual Chlorine	mg/l	0.2	1.0	0.0					
17	D.O.	mg/l								
18	B.O.D.	mg/l	-	-						
19	Disolve Oxygen	-	-	-						
<b>BACTERIOLOGICAL ANALYSIS</b>										
22	Total Coliform	CFU/100ML	-	-	No					
23	Faecal Coliform	CFU/100ML	-	-	-					

**Remarks: Safe**

  
Chemist

Water Testing Laboratory  
P.H. E. Sub.Division Saraipali



Assistant Engineer  
P.H. E..Sub.Division Saraipali