

SUB DIVISION WATER TESTING LABORATORY
PUBLIC HEALTH ENGINEERING DEPTT. BURHAR, DISTT - SHAHDOL (M.P.)

District Shahdol

Block- Burhar

	Gram p.	Village
1		
2		
3		
4		

SA.No & Details Source & Location

Particular of Sample

Date of collection 8/11/24

L. DAV Public School burhar

Date of Analysis 8/11/24

Table -2.2 BIS Standrad : Is-10500-1991

S.No.	Characteristics	Unit	Recept Destrable limit	Permissible limit in the absence of alternative	Result Sample No.
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PHYSICAL TEST

1	Turbity	N.T.U.	1	5	4.2			
2	Colour	Hazen units	1	5	2			
3	Teste	-	Agreeable	Not Agreeable	Agreeable			
4	Odour	-	Unobjection able	objection able	Unobjection able			

CHEMICAL TEST

5	PH	PH Scale	6.5 TO 8.5	No relaxation	7.3			
6	Conductivity	Micro Mhos/cm	-	-	-			
7	Total Alkalinity	mg/l	200	600	240			
8	Chlorides(AS Ci)	mg/l	250	1000	45			
9	Nitrates (As No 3)	mg/l	45	45	0			
10	Total Hardness(As Caco3)	mg/l	200	600	304			
11	Total Dissolved Solids	mg/l	500	2000	329			
12	iron (As Fee)	mg/l	0.3	1.0	0.2			
13	Fluorides (As F)	mg/l	1.0	1.5	0.1			
14	Sulphatest (As so4)	mg/l	200	400	18			
15	Calcium	mg/l	75.0	200.0	58.4			
16	Mangnecium	mg/l	30.0	100.0	38.4			

BACTROLOGICAL TEST

17	Coliform Organisms at 37c	M.P.N/100 ml.			0			
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TESTED BY- Amrita Singh Marko


 Chemist
 Name & Signature
 of Lab Incharge
 Distt. Shahdol (M.P.)