


WATER TESTING LABORATORY

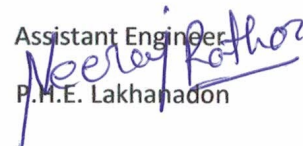
Public Health Engineering Department Seoni (M.P.)

ANALYSIS REPORT									
Kind of Sample :- Tube Well Water						Date 10/01/2022			
PARTICULARS OF SENDER : KAVYA INTERNATIONAL SCHOOL, Sarsdol Ghansoor Road, LAKHNADON									
PARTICULAR SAMPLE				NOT COLLECTED BY MUNICIPAL COUNCIL					
Place of collection and details of sample								Date	
1	KAVYA INTERNATIONAL SCHOOL, Sarsdol Ghansoor Road, LAKHNADON						Tube Well Water		10-01-2022
2									
PARTICULARS TO BE FILLED IN THE LABORATORY									
Date of Receipt 10/01/2022					Tested on 10/01/2022				
NATURE OF STUDY- CHEMICAL ANALYSIS									
No.	Characteristics	Unit	As per BIS -10500-2012 for Drinking Water		Result				
			Requirement (desorbable)	Permissible limit in the absence of alternate source	Sample 1	Sample 2	Sample 3	Sample 4	
PHYSICAL TEST									
1	Temperature	O _c	-----	-----	22.2	-	-	-	
2	Turbidity	NTU	1.0	5.0	0.5	-	-	-	
3	Colour	Hazen Units	5.0	15	NIL	-	-	-	
4	Odour		Agreeable	Agreeable	NIL	-	-	-	
CHEMICAL TEST									
5	pH	pH Scale	6.5 to 8.5	6.5 to 8.5	7.50	-	-	-	
6	Conductivity At 25oC	M/ohms.cm ²	-----	-----	-	-	-	-	
7	Phenolphthalein alkalinity	Mg/l	-----	-----	-	-	-	-	
8	Total alkalinity as CaCO ₃	Mg/l	200	600	300	-	-	-	
9	Chloride as CL	Mg/l	250	1000	110	-	-	-	
10	Nitrate as NO ₃	Mg/l	45	45	0.2	-	-	-	
11	Total Hardness CaCo3	Mg/l	200	600	480	-	-	-	
12	Calcium as Ca ⁺⁺	Mg/l	75	200	320	-	-	-	
13	Magnesium as Mg ⁺⁺	Mg/l	30	100	160	-	-	-	
14	Manganese as Mn	Mg/l	0.1	0.3	-	-	-	-	
15	Total Dissolved Solids	Mg/l	500	2000	541	-	-	-	
16	Sulphate as SO ₄	Mg/l	200	400	64	-	-	-	
17	Iron as Fe	Mg/l	0.3	0.3	0.09	-	-	-	
18	Fluride as F	Mg/l	1.0	1.5	-	-	-	-	
19	Residual Chlorine as CL ₂	PPM	0.2	1.0	-	-	-	-	
NATURE OF STUDY - BACTERIOLOGICAL ANALYSIS									
20	Total Coliform	Per 100 ML	Nil (For treated water or water in distribution system)		540	-	-	-	
21	Feacal Coliform /TTC	Per 100 ML	NiLL		-	-	-	-	

Note :- Acoding to test water given sample is Fit ?Unfit For Drinking Purpose.


 In-Charge
PRINCIPAL


DIRECTOR

Assistant Engineer

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