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**GOVT. OF HARYANA**  
**PUBLIC HEALTH ENGINEERING DEPARTMENT**

**PUBLIC HEALTH ENGINEERING WATER TESTING LABORATORY, KARNAL-132 001**

1. Sender's Address : Normal Public Sch.  
Opp. I. T. I kunjpur Road, Karnal.
2. Source of Sample : wells at their premises.
3. Collected on : 28/2/17 C By himself
4. Received on : 28/2/17
5. Ref. No. : Nil Dt-28/2/17
6. Lab No. : 578/2/17

**REPORT ON PHYSICO-CHEMICAL ANALYSIS OF WATER**

Memo. No. 170

Dated 11/3/17

Sr. No.	Substance/Characteristic	Result	Desirable Limit	Maximum Permissible Limit
				(in absence of better alternative source)
As per IS:10500-2012 Second Revision				
1	Colour, Hazen Units	Clear	5	15
2	Odour	Normal	Unobjectionable - Agreeable	
3	Taste	"		
4	Turbidity, NTU	Nil	1	5
5	Total Dissolved Solids, mg/1	510	500	2000
6	Total Hardness, mg/1	240	200	600
7	Calcium (as Ca), mg/1	56	75	200
8	Magnesium (as Mg), mg/1	24	30	100
9	Total Alkalinity, mg/1	260	200	600
10	Chloride (as Cl), mg/1	65	250	1000
11	Fluoride (as F), mg/1	0.500	1.0	1.5
12	Sulphate (as SO <sub>4</sub> ), mg/1	28	200	400
13	Nitrate (as NO <sub>3</sub> ), mg/1	2.1	45	45
14	Iron (as Fe), mg/1	Nil	0.3	0.3
15	Free Residual Chlorine, mg/1	u	0.2	1.0
16	pH value	7.41	6.5-8.5	No relaxn.
17	Total/Faecal Coliforms	-	Nil	Nil

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OPINION