

## **Water Quality Testing in MOBILE LABORATORY, PHE ,HAFLONG**

### Chemical Test Report of Water Samples

Sl. No.	Chemical Parameters	Sample 1	Sample 2	BIS Permissible Limit
		Location: K.V. Haflong, Source: R.O. Water	Location: K.V. Haflong, Source: PHE water supply	
		Observed values	Observed Values	
1	pH Value	8.67	7.59	6.5 - 8.5
2	Turbidity (NTU)	0.0	1.02	0.0 - 5.0
3	Conductivity ( uS/cm )	80.4 (very soft water )	(soft water )	200 - 600
4	Iron(Fe) (mg/l)	< 0.05	1.36	0.1 - 0.3
5	Fluoride (mg/l)	0.51	0.45	1- 1.5
<b>Test Using FTK( Field Testing Kit )</b>				
6	Nitrate ( mg/l )	< 0.5	5	upto 45
7	Chloride ( mg/l )	20	40	250- 1000
9	Total Hardness ( mg/l )	105	120	200 - 600
10	Bacteria ( cfu )	-ve	-ve	0.0