



Government of the People's Republic of Bangladesh
Office of the Senior Chemist
Department of Public Health Engineering
Sylhet Zonal Lab, Topkhana, Sylhet
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Lab Memo: 252

Date: 31/01/2019

Physical /Chemical/ Bacteriological Analysis of Water Sample

Sample ID: SYL2019010648	Sample Receiving date: 28/01/2019
Ref. Memo No: 46.203.9135.401.16.013.06-06 & Dated: 27/01/2019	Sample Source: Deep Tube Well Other pumps
Sent by:SAE ,DPHE, , Zakiganj, Sylhet.	Dist:Sylhet, Upa:Zakiganj
Care Taker: Kaliganj Groth Center	Union:Manikpur, Vill.:Kaladaponia
Sample Collection date: 27/01/2019	Date of Testing: 28/01/2019-31/01/2019

LABORATORY TEST RESULTS:

Sl.#	Water quality parameters	Bangladesh Standard	Concentration present	Unit	Analysis Method	LOQ
1	Arsenic (As)	0.05	0.055	mg/L	AAS	0.001
2	Chloride	150-600	12	mg/L	Titrimetic	1
3	Hardness	200-500	44	mg/L	Titrimetic	1
4	Iron (Fe)	0.3-1	1.9	mg/L	AAS	0.2
5	Manganese (Mn)	0.1	0.15	mg/L	AAS	0.005
6	Total Dissolved Solid (TDS)	1000	122	mg/L	Multimeter	1
7	Turbidity	10	8.0	NTU	Turbidity Meter	0.1

Comments: Sample Tested as Per Supplied by Client

<p><u>Test Performed by:</u></p> <p>1.) Name: Md. Abdul Latif Designation: Sample Analyzer</p> <p>2.) Name: Designation:</p>	<p><u>Signature</u></p> <p><i>Md. Abdul Latif</i> 31.01.19</p> <p>Md. Abdul Latif Sample Analyzer DPHE Zonal Laboratory Sylhet.</p>	<p><u>Countersigned/Approved by:</u></p> <p>1.) Name: - Designation: Junior Chemist</p> <p>2.) Name: Designation:</p>	<p><u>Signature</u></p> <p><i>[Signature]</i> 31.01.19</p> <p>Junior Chemist DPHE. Zonal Laboratory Sylhet.</p>
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