

*Original article*

Analysis of Physicochemical Parameters of Ground Water Around Silapathar and Simen Chapor Area of Dhemaji district, Assam

Shreemoyee Phukan ^{1*}, Suman Tamang ¹, Bijoy Buragohain ¹, Malindra Roy ¹ and Kamal Mallah ¹

¹Department of Chemistry, Silapathar College, Silapathar, Dhemaji, PIN: 787059, Assam, India

*Corresponding author email: shreemoyeephukan@gmail.com

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Abstract: In Assam, for a rural district like Dhemaji, where the majority of the people live below the poverty line (BPL), the facility of drinking water is one of the requiring conditions for good health and all-round development. Several researchers have studied physico-chemical parameters of groundwater in selected areas of rural and sub urban areas of Dhemaji district. From the literature review, Buragohain et al. presented a statistically significant water quality database of Dhemaji district, Assam (India) with special reference to pH, fluoride, nitrate, arsenic, iron, sodium and potassium. But none have investigated the various parameters of ground water of Silapathar and Simen Chapor area of Dhemaji district. In this background, we have planned to instigate this work which is locally relevant and has 1st to 1st orientation as well. Since the levels of certain physico-