



*Original article*

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

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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 Chapori area of Dhemaji district. In this background, we have planned to instigate this work which is locally relevant and has lab to land orientation as well. Since the levels of certain physico-