



ChemTech

International Journal of ChemTech Research

CODEN (USA): IJCRGG ISSN: 0974-4290

Vol.9, No.01 pp 302-307, 2016

Assessment of Ground water quality of Semariya Area District Rewa, Madhya Pradesh, India

Shankar Prasad Mishra^{1*} and Arun kumar Shukla²

¹Department of Chemistry, Y.P.S.P.G. College Semariya, Rewa, Madhya Pradesh, India.

²Department of Botany, Y.P.S.P.G. College Semariya, Rewa, Madhya Pradesh, India.

Abstract: The paper deals an assessment of ground water quality of Semariya area, District Rewa, Madhya Pradesh, India. Geologically, the area is occupied by shale and sandstone of Rewa group, Vindhyan Super group. A total number of twenty five ground water samples were collected from different locations of the study area. And analyzed for various water quality parameters such as pH, electrical conductivity, total dissolved solid, total hardness, chloride, fluoride, sulphate, nitrate, sodium, potassium, calcium and magnesium. On comparing the results against water quality standards laid by World Health Organization and BIS, it is observed that some parameters exceed the standard limits. The overall study reveals that water of this region is partially fit for drinking purpose.

Key words: Ground water, Semariya, Rewa, Madhya Pradesh, India.

Shankar Prasad Mishra *et al* /Int.J. ChemTech Res. 2016,9(1),pp 302-307.
