

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: *K-46*

Dated: 21-07-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Gagharuwa Khadeshwar**
Block: **Ghughuli**
District: **Maharajganj**
State: **Uttar Pradesh**
Date of logging: **20-07-2023**
Drilling Depth: **165.0 m bgl**
Logging Depth: **129.0mbgl**
Rm – **16.0 Ωm** Rw – **22.0 Ωm**

Borehole Drilled by: M/s Ritwik- Koya (JV), Maharajganj, U.P. India.

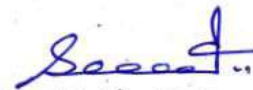
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral (6")** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	18 – 22	04	Good
2.	27 – 34	07	Good
3.	41 – 45	04	Good
4.	52 – 56	04	Good
5.	65 – 74	09	Good
6.	86 – 90	04	Good
7.	107 – 111	04	Good
8.	115 – 119	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zones Sl. No. 6 is highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's


(S. Shukla)