

# 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:22-23:LS:1K- 577

Dated: 21-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Motiyariya**  
Block: **Siswa**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **170.0 m bgl**  
Logging Depth: **130.0m bgl**  
Date of logging: **20-02-2023**  
Rm - **18.0  $\Omega$ m** Rw - **17.0  $\Omega$ m**

Borehole Drilled by: M/s. Rithwik- Koya-JV, Maharajganj, U.P.

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)
<del>1.</del>	30 - 40	10	Good
<del>2.</del>	43 - 50	07	Good
<del>3.</del>	55 - 65	10	Good
<del>4.</del>	68 - 74	06	Good
<del>5.</del>	90 - 97	07	Good
<del>6.</del>	117 - 121	04	Good

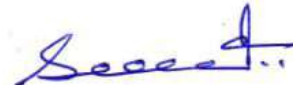
Note: ~~1.~~ Fine bands of Kankar are intermixed with almost all the Zones.

~~2.~~ Zone Sl. No 3, 4 & 6 are highly intermixed with fine bands of kankar.

*Verified as per logs provided.*

*G.Sh  
22/02/23*

For Geo Instruments & Technic's

  
(S. Shukla)