



# 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- 543

Dated: 19-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bakeniya Harraiya**  
Block: **Laxmipur**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Date of Logging: **18-02-2023**  
Drilling Depth: **180.0 m bgl**  
Logging Depth: **178.0 m bgl**  
Rm - **17.0 Om** Rw - **15.0 Om**

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajganj, Uttar Pradesh.

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 - 34	04	Good
<del>2.</del>	37 - 41	04	Good
<del>3.</del>	48 - 52	04	Good
<del>4.</del>	60 - 67	07	Good
<del>5.</del>	75 - 78	03	Good
<del>6.</del>	90 - 93	03	Good
<del>7.</del>	99 - 103	04	Good
<del>8.</del>	135 - 141	06	Good
<del>9.</del>	166 - 170	04	Good

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

2. Zone Sl. No. 5 is fine sand in nature.

3. Zone Sl. No. 8 is highly intermixed with fine bands of kankar.

*Verified water logs provided*  
*Note - Sr No 4 - 62-67 (5m)*

*Gish*  
*20/02/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)