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# 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: 321

Dated: 30-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhart Khand Pakdi  
Block: Nichlaur  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 170.0 m bgl  
Logging Depth: 163.0 m bgl  
Date of logging: 27-04-2023  
Rm - 22.0 cm Rw - 24.0 cm

Borehole Drilled by: M/s Rithwik-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       | 16 - 19             | 03                | Good                              |
| 2       | 30 - 43             | 13                | Good                              |
| 3       | 55 - 65             | 10                | Good                              |
| 4       | 68 - 75             | 07                | Good                              |
| 5       | 112 - 115           | 03                | Good                              |
| 6       | 132 - 135           | 03                | Good                              |
| 7       | 147 - 151           | 04                | Good                              |

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

2. Zone Sl. No. 5 is highly intermixed with fine bands of kankar.

*Verified as per logs provided  
Note: S.NOS and 6 fine in nature*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*G.S.  
07/05/23*