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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: **K-49**
Dated: 22-07-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kamharia Bujurg
Block: Brijmanganj
District: Maharajganj
State: Uttar Pradesh
Date of logging: 22-07-2023
Drilling Depth: 250.0 m bgl
Logging Depth: 224.0m bgl
Rm - 23.0 Ω m Rw - 21.0 Ω m

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. | 38 - 45 | 07 | Good |
| 2. | 58 - 64 | 06 | Good |
| 3. | 90 - 97 | 07 | Good |
| 4. | 100 - 103 | 03 | Good |
| 5. | 133 - 142 | 09 | Good |
| 6. | 152 - 158 | 06 | Good |
| 7. | 177 - 184 | 07 | Good |
| 8. | 188 - 195 | 07 | Good |
| 9. | 204 - 210 | 06 | Good |

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

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(S. Shukla)