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# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:PJM:22-23:LS: 656

Dated: 21-10-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kishunpur  
Block: Nichlaul  
District: Maharajganj  
State: Uttar Pradesh  
Date of Logging: 21-10-2022  
Drilling Depth: 170.0 m bgl  
Logging Depth: 165.0 m bgl  
Rm -72.0 Qm Rw -66.0 Qm

Borehole Drilled by: M/s Koya & Company Construction Ltd., 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 - 34             | 04                | Good                              |
| (2)           | 37 - 40             | 03                | Good                              |
| <del>3.</del> | 51 - 55             | 04                | Good                              |
| <del>4.</del> | 71 - 75             | 04                | Good                              |
| <del>5.</del> | 62 - 65             | 03                | Good                              |
| <del>6.</del> | 80 - 90             | 10                | Good                              |
| <del>7.</del> | 120 - 129           | 09                | Good                              |
| <del>8.</del> | 142 - 148           | 06                | Good                              |
| (9)           | 160 - 164           | 04                | Good                              |

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zone SI No. 2, 5 & 9 are Fine Sand in Nature.

Verified as per logs provided.

For Geo Instruments & Technic's

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