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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:23-24:LS: 133
Dated: 12-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Aamipur
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 278.0 m bgl
Date of logging: 10-05-2023
Rm - 16.0 Cm Rw - 15.0 Cm

Borewell Drilled By: M/s Power Mech. Project Ltd., Pratapgarh, 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 (meters) | Remarks (Quality of aquifer water) |
|---------|---------------------|--------------------|------------------------------------|
| 1. | 24 - 30 | 06 | Good |
| 1. | 43 - 50 | 07 | Good |
| 2. | 88 - 94 | 06 | Good |
| 3. | 114 - 123 | 09 | Good |
| 4. | 130 - 137 | 07 | Good |
| 5. | 168 - 172 | 04 | Good |
| 6. | 178 - 182 | 04 | Good |
| 7. | 191 - 195 | 04 | Good |
| 8. | 198 - 205 | 07 | Good |

- Note:
1. Fine bands of kankar are intermixed with almost all the zones.
 2. Zone Sl. No. 4 & 8 are highly intermixed with fine bands of kankar.
 3. Quality of ground water is deteriorating marginal to saline below 218.0 m bgl to till depth logged.
 4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided
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C. Ch
12/05/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)