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Geo INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:23-24:LS: 95

Dated: 05-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Beerapur Khurd Tw No. 2
Block: Patti
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 304.0 m bgl
Date of logging: 03-05-2023
Rm - 22.0Ωm Rw - 24.0Ωm

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 - 28 | 04 | Good |
| 2. | 45 - 48 | 03 | Good |
| 3. | 56 - 62 | 06 | Moderate |
| 4. | 202 - 205 | 03 | Moderate |
| 5. | 221 - 224 | 03 | Moderate |

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 2 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline in between 69.0 to 192.0 & below 230.0 m bgl to till depth logged.
4. Predominated Clay is present in depth range 192.0 to 200.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

Verified as per logs provided.
G. S. Shukla
06/05/23