

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 496
Dated: 04-08-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tritokpur
Block: Bihar
District: Pratappgarh
State: Uttar Pradesh
Date of Logging: 02-08-2023
Logging Depth: 248.0 m bgl
Rm - 15.0 Ω m Rw - 21.0 Ω m

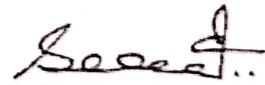
Borehole Drilled by: M/s Balaji Boring, Pratappgarh, Uttar Pradesh.

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. | 20 - 24 | 04 | Good |
| 2. | 162 - 165 | 03 | Moderate |
| 3. | 175 - 178 | 03 | Moderate |
| 4. | 185 - 189 | 04 | Moderate |

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of Ground water is deteriorating marginal to saline in between 55.0 to 154.0 and below 204.0 m bgl to till depth logged.
3. Predominated clay is present in depth range 155.0 to 161.0 m bgl.

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(S. Shukla)