

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:23-24:LS: 562
 Dated: 13-09-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Paharpur Banohi
 Block: Kunda
 District: Pratapgarh
 State: Uttar Pradesh
 Date of Logging: 12-09-2023
 Logging Depth: 245.0 m bgl
 Rm - 12.0 Ω m Rw - 14.0 Ω m

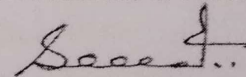
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,
 Uttar Pradesh, India.

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. | 42 - 48 | 06 | Good |
| 2. | 51 - 54 | 03 | Good |
| 3. | 57 - 61 | 04 | Good |
| 4. | 66 - 70 | 04 | Good |
| 5. | 74 - 81 | 07 | Good |
| 6. | 94 - 101 | 07 | Good |
| 7. | 106 - 113 | 07 | Good |
| 8. | 117 - 120 | 03 | Good |
| 9. | 123 - 127 | 04 | Good |
| 10. | 133 - 136 | 03 | Good |
| 11. | 160 - 167 | 07 | Good |
| 12. | 181 - 188 | 07 | Good |
| 13. | 203 - 217 | 15 | Good |

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
 2. Zones Sl. No. 3, 7 & 10 are highly intermixed with fine bands of kankar.
 3. Quality of ground water is deteriorating marginal to saline below 230.0 m bgl to till depth logged.
 4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


 (S. Shukla)