

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: 730
Dated: 30-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Biraipur
Block: Gaura
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 270.0 m bgl
Date of logging: 29-11-2023
Rm – 17.0 Ωm Rw – 20.0Ωm

Latitude:25.7308520 Longitude:82.0941890

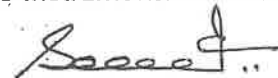
Borewell Drilled By: M/s Kalpataru Power International Limited,
Pratapgarh, Uttar Pradesh.

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 (meters) | Remarks (Quality of aquifer water) |
|---------|---------------------|--------------------|------------------------------------|
| 1. | 22 – 29 | 07 | Good |
| 2. | 41 – 51 | 10 | Good |
| 3. | 75 – 85 | 10 | Good |
| 4. | 93 – 10 | 07 | Good |
| 5. | 111 – 118 | 07 | Good |
| 6. | 130'– 140 | 10 | Good |
| 7. | 148 – 162 | 14 | Good |
| 8. | 165 – 169 | 04 | Good |
| 9. | 182 – 189 | 07 | Good |
| 10. | 198 – 210 | 12 | Good |
| 11. | 215 – 222 | 07 | Good |
| 12. | 225 – 228 | 03 | Good |
| 13. | 250 – 257 | 07 | Moderate to Marginal |

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 6 is highly intermixed with fine bands of Kankar.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)