

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: PJM:23-24:LS:K- 542
Dated: 24-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bardpur – 2**
Block: **Bardpur**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Drilling Depth: **175.0 m bgl**
Logging Depth: **172.0 m bgl**
Date of logging: **23-12-2023**
Rm – **17.0 Ω m** Rw – **18.0 Ω m**

Latitude: **27.447055** Longitude: **83.161755**


Borehole Drilled by: **M/s Jakson Vishvaraj (JV) Siddharath Nagar,
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. | 22 – 29 | 07 | Good |
| 2. | 40 – 44 | 04 | Good |
| 3. | 46 – 52 | 06 | Good |
| 4. | 58 – 62 | 04 | Good |
| 5. | 70 – 74 | 04 | Good |
| 6. | 84 – 90 | 06 | Good |
| 7. | 93 – 97 | 04 | Good |
| 8. | 110 – 117 | 07 | Good |
| 9. | 130 – 137 | 07 | Good |
| 10. | 150 – 154 | 04 | Good |

Note: 1. **Fine bands of kankar are intermixed with almost all the zones.**
2. **Zone Sl. No. 1 is highly intermixed with fine bands of kankar.**

For Geo Instruments & Technic's


(S. Shukla)