

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: 722

Dated: 28-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Jamalau**
 Block: **Bihar**
 District: **Pratapgarh**
 State: **Uttar Pradesh**
 Date of Logging: **27-11-2023**
 Logging Depth: **167.0 mbgl**
 Rm – **19.0 Ωm** Rw – **23.0 Ωm**

Latitude: **25.659519**

Longitude: **81.655214**

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

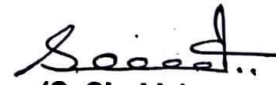
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** Geophysical Logs, following informations/granular zones have been deciphered with respect to **Salinity** only:

| Sl. No. | Depth Range (m bgl) | Thickness (meter) | Remark (Quality of Aquifer Water) |
|---------|---------------------|-------------------|-----------------------------------|
| 1. | 18 – 22 | 04 | Good |
| 2. | 34 – 38 | 04 | Good |
| 3. | 53 – 60 | 07 | Good |
| 4. | 66 – 78 | 12 | Good |
| 5. | 96 – 100 | 04 | Good |
| 6. | 108 – 115 | 07 | Good |
| 7. | 118 – 122 | 04 | Good |
| 8. | 124 – 131 | 07 | Good |
| 9. | 133 – 137 | 04 | Good |
| 10. | 146 – 150 | 04 | Good |
| 11. | 154 – 161 | 07 | Good |

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 1, 5 & 7 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's


 (S. Shukla)