

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS:1K-205

Dated: 14-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Purain**
Block: **Rudauli**
District: **Ayodhya**
State: **Uttar Pradesh**
Date of Logging: **14-01-2023**
Drilling Depth: **175.0 m bgl**
Logging Depth: **169.0 m bgl**
Rm – **23.0 Ωm** Rw – **20.0 Ωm**


Borehole Drilled by: M/s Universal MEP Project & Er. Services Ltd.,
Ayodhya, 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. | 24 – 28 | 04 | Good |
| 2. | 40 – 45 | 05 | Good |
| 3. | 48 – 57 | 09 | Good |
| 4. | 62 – 72 | 10 | Good |
| 5. | 81 – 84 | 03 | Good |
| 6. | 89 – 93 | 04 | Good |
| 7. | 96 – 99 | 03 | Good |
| 8. | 114 – 121 | 07 | Good |
| 9. | 125 – 129 | 04 | Good |
| 10. | 136 - 143 | 07 | Good |
| 11. | 147 – 154 | 07 | Good |

Note: 1. Fine bands of Kankar are intermixed with Zones Sl. No. 4, 8 & 9.
2. Zone Sl. No. 5 is fine sand and intermixed with Kankar.

For Geo Instruments & Technic's


(S. Shukla)