



Tele Fax : +91-0522-246-5512(O)
Mob. : +91 - 9415141232, 9554034123
E-mail : geo.instrument@outlook.com

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: 449
Dated: 07-07-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Damohan
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 06-07-2023
Logging Depth: 280.0m bgl
Rm -12.0Ωm Rw -32.0Ωm

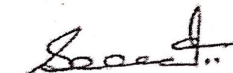
Borehole Drilled by: M/s Power Mech Project Ltd., Pratapgarh, U.P., India.

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. | 20 - 27 | 07 | Good |
| 2. | 40 - 49 | 09 | Good |
| 3. | 92 - 96 | 04 | Moderate |
| 4. | 101 - 108 | 07 | Good |
| 5. | 127 - 134 | 07 | Good |
| 6. | 140 - 147 | 07 | Good |
| 7. | 154 - 160 | 06 | Good |
| 8. | 164 - 168 | 04 | Good |
| 9. | 180 - 184 | 04 | Good |
| 10. | 200 - 204 | 04 | Good |

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 7 is fine sand in nature.
3. Zone Sl. No. 8 & 9 are highly intermixed with fine bands of kankar.
4. Quality of ground water is deteriorating marginal to saline in between 60.0 to 78.0 and below 220.0 m bgl to till depth logged.
5. Predominated Clay is present in depth range 78.0 to 91.0 and 97.0 to 100.0 m bgl.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)