

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS: 248
Dated: 08-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mahadaha
Block: Patti
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 07-02-2023
Logging Depth: 300.0 m bgl
Rm -14.0 Qm Rw -16.0 Qm

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

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. | 30 - 34 | 04 | Good |
| 2. | 36 - 51 | 15 | Good |
| 3. | 64 - 68 | 04 | Good |
| 4. | 71 - 77 | 06 | Good |
| 5. | 120 - 134 | 14 | Good |
| 6. | 220 - 224 | 04 | Moderate |

- Note: 1. Fine bands of kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 5 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating Marginal to Saline in between 142.0 to 210.0 m bgl.
4. No granular zone encountered below 242.0 m bgl to till depth logged.
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

G.Sh
09/02/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

