

# 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: 755  
Dated: 14-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Katara Chunhoopur  
Block: Dostpur  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 13-06-2023  
Drilling Depth: 170.0 m bgl  
Logging Depth: 164.0 m bgl  
Rm - 10.0  $\Omega$ m Rw - 15.5  $\Omega$ m

Borehole Drilled by: M/s VTL GAJA Engineering Ltd., Sultanpur, 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.      | 18 - 22             | 04                | Good                              |
| 2.      | 38 - 45             | 07                | Good                              |
| 3.      | 95 - 101            | 06                | Good to Moderate                  |
| 4.      | 104 - 108           | 04                | Good to Moderate                  |

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating marginal to saline below 125.0 m bgl to till depth logged.  
3. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per  
logs provided

GSh  
14/06/23

For Geo Instruments & Technic's

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