



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:23-24:LS: 885

Dated: 08-03-2024

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ghauhani — II  
Block: Sandwa Chandrika  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 07-03-2024  
Logging Depth: 153.0 m bgl  
Rm -12.0  $\Omega$ m Rw -10.0  $\Omega$ m

Latitude: 26.0612710 Longitude: 81.7598410

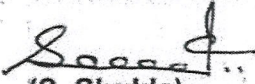
Borewell Drilled By: M/s Power Mech Project Ltd., Pratapgarh, U. P.

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 (meters) | Remarks (Quality of aquifer water) |
|---------|---------------------|--------------------|------------------------------------|
| 1.      | 18 - 22             | 04                 | Good                               |
| 2.      | 24 - 28             | 04                 | Good                               |
| 3.      | 32 - 38             | 06                 | Good                               |
| 4.      | 44 - 51             | 07                 | Good                               |
| 5.      | 78 - 82             | 04                 | Good                               |
| 6.      | 84 - 90             | 06                 | Good                               |

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 2 is fine sand in nature.  
3. Zone Sl. No. 3 is highly intermixed with fine bands of kankar.  
4. Quality of ground water is deteriorating marginal to saline below 98.0 m bgl to till depth logged.  
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)