

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS:K- 388

Dated: 29-10-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tarwal Ghat  
 Block: Bansi  
 District: Siddharth Nagar  
 State: Uttar Pradesh  
 Date of Logging: 28-10-2023  
 Drilling Depth: 165.0 m bgl  
 Logging Depth: 160.0 m bgl  
 Rm – 40.0  $\Omega$ m      Rw – 38.0  $\Omega$ m  
 Latitude: 27.1924460      Longitude: 83.0155130


Borehole Drilled by: M/s Jakson - Vishvaraj (JV), Siddharth Nagar,  
 Uttar Pradesh, 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.	18 – 25	07	Good
2.	28 – 35	07	Good
3.	41 – 48	07	Good
4.	51 – 58	07	Good
5.	61 – 65	04	Good
6.	80 – 87	07	Good
7.	94 – 101	07	Good
8.	112 – 119	07	Good
9.	142 – 146	04	Good
10.	150 – 160	10	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
 2. Zones Sl. No. 9 is highly intermixed with fine bands of kankar.  
 3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
 (S. Shukla)