

# 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: 878  
Dated: 04-03-2024

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Behdaul Kalan**  
Block: **Gaura**  
District: **Pratapgarh**  
State: **Uttar Pradesh**  
Date of Logging: **04-03-2024**  
Logging Depth: **254.0 m bgl**  
Rm **-18.0  $\Omega$ m** Rw **-20.0  $\Omega$ m**  
Latitude: **28.7147000** Longitude: **82.1035710**

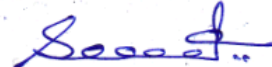
Borewell Drilled By: M/s KPIL- Kalpataru Power International Limited,  
Pratapgarh, Uttar Pradesh.

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.	22 - 26	04	Good
2.	29 - 33	04	Good
3.	36 - 46	10	Good
4.	74 - 81	07	Good
5.	84 - 88	04	Good
6.	147 - 154	07	Good
7.	162 - 169	07	Good
8.	184 - 188	04	Good
9.	198 - 202	04	Good
10.	204 - 213	09	Good
11.	216 - 220	04	Good
12.	224 - 228	04	Good
13.	232 - 238	06	Good
14.	242 - 246	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating marginal to saline in between 98.0 to 138.0 m bgl.  
3. Predominated clay is present in depth range 138.0 to 146.0 m bgl.  
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)