

# 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:22-23:LS: 263

Dated: 14-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Burhepur**  
Block: **Bihar**  
District: **Pratapgarh**  
State: **Uttar Pradesh**  
Date of Logging: **11-02-2023**  
Logging Depth: **262.0 m bgl**  
Rm - **15.0 Ωm** Rw - **17.0 Ωm**

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.	18 - 22	04	Good
2.	84 - 88	04	Good
3.	93 - 97	03	Good
4.	100 - 104	04	Good
5.	110 - 117	07	Good
6.	120 - 133	13	Good
7.	138 - 142	04	Good
8.	146 - 149	03	Good
9.	152 - 156	04	Good
10.	160 - 164	04	Good
11.	166 - 172	06	Good
12.	176 - 182	06	Good
13.	193 - 197	04	Good
14.	200 - 204	04	Good
15.	256 - 260	04	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zones Sl. No. 3 & 15 are highly intermixed with kankar.  
3. Zone Sl. No. 12 is highly intermixed with fine bands of kankar.  
4. Please ensure pre-monsoon water level before lower the well assembly.

*Verified as per logs provided*  
GCh  
15/02/23

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)