

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: 22-23:LS: 302

Dated: 27-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kashimpur**
Block: **Bihar**
District: **Pratapgarh**
State: **Uttar Pradesh**
Date of Logging: **26-02-2023**
Logging Depth **230.0 m bgl**
Rm ~~-14.0 m~~ Rw ~~-15.0 m~~

Borewell Drilled By: M/s Kalpataru Power Transmission, 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.	20 - 23	03	Moderate
2.	70 - 82	12	Good
3.	92 - 96	04	Good
4.	99 - 106	07	Good
5.	109 - 112	03	Good
6.	129 - 138	09	Good
7.	160 - 164	04	Good
8.	169 - 173	04	Good
9.	187 - 194	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 2 & 6 are highly intermixed with fine bands of kankar
3. Quality of ground water is deteriorating Marginal to Saline below 200.0 m bgl to till depth Logged.
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.
G.Sh
20/02/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)