

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: 812

Dated: 05-01-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Patti Kachehra**
Block: **Sangipur**
District: **Pratapgarh**
State: **Uttar Pradesh**
Date of Logging: **04-01-2024**
Logging Depth: **155.0 m bgl**
Rm – **15.0 Ωm** Rw – **22.0 Ωm**

Latitude: **26.0662150** Longitude: **81.6818280**

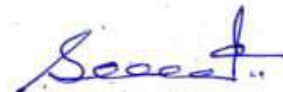
Borehole Drilled by: **M/s Power Mech Project Ltd., Pratapgarh, Uttar Pradesh, India.**

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.	20 – 24	04	Good
2.	29 – 36	07	Good
3.	50 – 63	13	Good

- Note: 1. Fine bands of kankar are intermixed with zone Sl. No. 3.
2. Quality of ground water is deteriorating marginal to saline below 72.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

Date: 04.01.24 Site: Patti Kachehra, Block: Sangipur, Distt: Pratnagarh

Rm. 15 Rw.22

