

Ref:GIT:UP:23-24:LS:
Dated: 09-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Katka Manpur**
Block: **Sandwachandrika**
District: **Pratapgarh**
State: **Uttar Pradesh**
Logging depth: **149.0 m bgl**
Date of logging: **05-05-2023**
Rm – **11.0 Ω m** Rw – **13.0 Ω m**

Borewell 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 (meters)	Remarks (Quality of aquifer water)
1.	24 – 31	07	Good
2.	40 – 46	06	Good
3.	54 – 58	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 1 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 00.0 m bgl to till depth logged.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

(S. Shukla)