

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: 178

Dated: 23-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kalyanpur
Block: Sandwa Chandrika
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 21-12-2022
Drilling Depth: 154.0 m bgl
Logging Depth: 151.0 m bgl
Rm -17.0 Ω m Rw -15.0 Ω m

Borehole Drilled by: M/s Power Mech Project Ltd. 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 (meter)	Remark (Quality of Aquifer Water)
1.	13 - 16	03	Good
2.	28 - 32	04	Good
3.	60 - 67	07	Good
4.	97 - 101	04	Good
5.	108 - 112	04	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zones Sl. No. 2 and 5 are highly intermixed with thin bands of Kankar.

3. Quality of Ground Water is deteriorating marginal to Saline below 126.0 m bgl to till depth logged.

4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

*GSh
24/12/22*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)