

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:23-24:LS: 573

Dated: 19-09-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Khajuri
Block: Lalganj Ajhara
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 19-09-2023
Logging Depth: 222.0 m bgl
Rm - 17.0 Ω m Rw - 18.0 Ω m

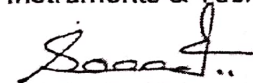
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh,
Uttar Pradesh, India.

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.	18 - 22	04	Good
2.	24 - 30	06	Good
3.	34 - 38	04	Good
4.	42 - 46	04	Moderate
5.	78 - 88	10	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 4 is fine sand in nature.
3. Quality of ground water is deteriorating marginal to saline below 96.0 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)