

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS: 177

Dated: 21-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Badhwait
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 20-12-2022
Drilling Depth: 305.0 m bgl
Logging Depth: 294.0 m bgl
Rm - 18.0 Ω m Rw - 17.0 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.	17 - 24	07	Good
2.	84 - 91	07	Good
3.	94 - 101	07	Good
4.	175 - 181	06	Good
5.	188 - 192	04	Good

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

2. Zones Sl. No. 5 is Fine Sand and highly intermixed with kankar.

3. Quality of Ground Water is deteriorating marginal to Saline in between 32.0 to 80.0, 112.0 to 133.0 & below 210.0 mbl to till depth logged.

4. Predominated Clay is present in depth range 80.0 to 85.0 & 158.0 to 171.0 m bgl.

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

Verified as per logs provided
GEP
21/12/22

For Geo Instruments & Technic's

(S. Shukla)