

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS:2/2

Dated: 21-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Babu Rai Jahanpur
Block: Babganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 20-01-2023
Logging Depth: 294.0 m bgl
Rm - 12.0 m Rw - 15.0 m

Borehole 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 (meter)	Remark (Quality of Aquifer Water)
1.	24 - 28	04	Good
2.	42 - 48	06	Good
3.	50 - 53	03	Good
4.	58 - 64	06	Good
5.	78 - 85	07	Good
6.	88 - 91	03	Good
7.	128 - 137	09	Good
8.	144 - 148	04	Good
9.	151 - 154	03	Good
10.	165 - 171	06	Good
11.	193 - 197	04	Good
12.	202 - 206	04	Moderate

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Quality of Ground Water is deteriorating Marginal to Saline below 210.0 m bgl to till depth Logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.
G.S.H.
23/01/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)