

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: 230

Dated: 31-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mahewa Malkiya
 Block: Babaganj
 District: Pratapgarh
 State: Uttar Pradesh
 Date of Logging: 30-01-2023
 Drilling Depth: 300.0 m bgl
 Logging Depth: 273.0 m bgl
 Rm -10.0 Ωm Rw -11.5 Ωm

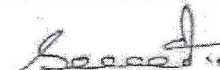
Borehole Drilled by: M/s Power Mech Project Ltd., Pratapgarh, U.P. India.

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.	20 - 27	07	Good
2.	50 - 56	06	Moderate
3.	85 - 89	04	Moderate
4.	110 - 117	07	Moderate
5.	131 - 135	04	Moderate
6.	143 - 149	06	Good
7.	168 - 175	07	Good
8.	179 - 183	04	Good
9.	189 - 199	10	Good
10.	212 - 216	04	Moderate
11.	220 - 227	07	Moderate to Marginal

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
 2. Zone Sl. No. 1 & 4 are highly intermixed with fine bands of kankar.
 3. Quality of ground water is deteriorating Marginal to Saline below 235.0 m bgl to till depth logged.
 4. Please ensure pre-monsoon water level before lower the well assembly.
 5. Zone Sl. No. 8 is highly intermixed kankar.

For Geo Instruments & Technic's


 (S. Shukla)

Verified as per logs provided
 GSh
 31/01/23