

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:1K- 1K-132
 Dated: 08-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Barwan Soniya**
 Block: **Mithura**
 District: **Mahrajganj**
 State: **Uttar Pradesh**
 Date of Logging: **07-01-2023**
 Drilling Depth: **140.0 m bgl**
 Logging Depth: **130.0 m bgl**
 Rm – **28.0 Ωm** Rw – **32.0 Ωm**

Borehole Drilled by: M/s JMC India Limited, Mahrajganj, 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.	17 – 24	07	Good
2.	32 – 48	16	Good
3.	51 – 58	07	Good
4.	62 – 68	06	Good
5.	71 – 78	07	Good
<u>6.</u>	96 – 100	04	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 1, 3 and 4 are highly intermixed with thin bands of Kankar.
3. Zone Sl. No. 6 is fine sand in nature.

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

Verified as per logs provided
Note - Sr No 6 - 97-100 (3m)

GSh
14/01/23