

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: 645
Dated: 17-10-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Barahara Raja
Block: Mahrajganj
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 135.0 m bgl
Logging Depth: 131.0 m bgl
Date of logging: 16-10-2022
Rm - 20.0 Ω m Rw - 18.0 Ω m

Borehole Drilled by: M/s JMC India Limited, Maharajganj, 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.	18 - 22	04	Good
2.	31 - 41	10	Good
3.	50 - 57	07	Good
4.	61 - 65	04	Good
5.	77 - 80	03	Good
6.	111 - 115	04	Good

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

~~2. Zone Sl. No. 5 is fine sand in Nature.~~

For Geo Instruments & Technic's

Verified as per logs provided.

S. Shukla
(S. Shukla)

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LUCKNOW