

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:22-23:LS:200

Dated: 22-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Barahara Kannahi**
Block: **Pharenda**
District: **Mahrajganj**
State: **Uttar Pradesh**
Drilling depth: **165.0 m bgl**
Logging depth: **155.0 m bgl**
Date of logging: **22-05-2022**
Rm - **24.0 Ω m** Rw - **23.0 Ω m**

Borewell 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 (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	25 - 30	05	Good
2.	36 - 40	04	Good
3.	44 - 48	04	Good
4.	63 - 70	07	Good
5.	95 - 115	20	Good
6.	125 - 129	04	Good

Note: 1. Zone Sl. No. 6 is Fine Sand in nature.

2. Fine bands of Kankar are intermixed with almost all the Zones.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

Verified as per logs provided.

S. Shukla
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23/05/2022
NIGAM (RURAL)
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