

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:23-24:LS: 228

Dated: 20-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Baspar Nutan**
Block: **Ghughli**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **170.0 m bgl**
Logging Depth: **136.0 m bgl**
Date of logging: **20-04-2023**
Rm - **11.0 Ω m** Rw - **12.0 Ω m**

Borehole Drilled by: M/s Rithwik- Koya- JV, Maharajganj, 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 - 23	03	Good
2.	27 - 31	04	Good
3.	37 - 44	07	Good
4.	60 - 73	13	Good
5.	85 - 92	07	Good
6.	94 - 97	03	Good
7.	108 - 112	04	Good
8.	121 - 128	07	Good

Note: ~~1. Fine bands of kankar are intermixed with almost all the zones.~~

~~2. Zones Sl. No. 4 is highly intermixed with fine bands of Kankar.~~

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*G.S.H
20/04/23*