

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS:K- 592

Dated: 15-01-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bhuana**
Block: **Ghughuli**
District: **Maharajganj**
State: **Uttar Pradesh**
Date of Logging: **15-01-2024**
Drilling Depth: **230.0 m bgl**
Logging Depth: **211.0 m bgl**
Rm – **18.0 Ωm** Rw – **22.0 Ωm**

Latitude: **27.024270**

Longitude: **83.719153**

Borehole Drilled by: M/s Ritwik- Koya-JV, Maharajganj, Uttar Pradesh.

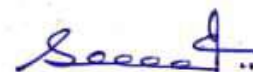
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** Geophysical Logs, following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	18 – 22	04	Good
2.	32 – 38	06	Good
3.	48 – 52	04	Good
4.	60 – 64	04	Good
5.	67 – 77	10	Good
6.	91 – 98	07	Good
7.	114 – 118	04	Good
8.	128 – 132	04	Good
9.	140 – 150	10	Good
10.	155 – 162	07	Good
11.	166 – 175	09	Good
12.	180 – 193	13	Good
13.	198 – 202	04	Good

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

2. Zone Sl. No. 8 & 11 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's


(S. Shukla)