

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: 544

Dated: 25-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Tilakwaniya**
Block: **Ghughuli**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **175.0 m bgl**
Logging Depth: **173.0 m bgl**
Date of logging: **25-05-2023**
Rm ~~-12.0 Ω m~~ Rw ~~-11.0 Ω m~~

Borehole Drilled by: M/s Rithwik- Koya- JV, Maharajganj, U. P., India.

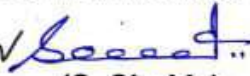
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16'')**, **Long Normal (N-64'')** and **Lateral (6')** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	26 - 30	04	Good
2.	36 - 40	04	Good
3.	45 - 49	04	Good
4.	55 - 64	09	Good
5.	69 - 76	07	Good
6.	87 - 94	07	Good
7.	98 - 102	04	Good
8.	154 - 164	10	Good

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

2. Zone Sl. No. 8 is highly intermixed with fine bands of Kankar.

For Geo Instruments & Technic's

Verified as per 
logs provided.
(S. Shukla)

G.Sh
25/05/23