

# 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: 07

Dated: 01-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Chaumukha – T W – 2**  
Block: **Ghughali**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **210.0 m bgl**  
Logging Depth: **174.0 m bgl**  
Date of logging: **01-04-2023**  
Rm – **23.0 Ωm** Rw – **22.0 Ωm**

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)
<del>1.</del>	20 – 24	04	Good
<del>2.</del>	30 – 43	13	Good
3.	48 – 52	04	Good
<del>4.</del>	62 – 66	04	Good
<del>5.</del>	70 – 77	07	Good
<del>6.</del>	108 – 121	13	Good
<del>7.</del>	126 – 130	04	Good
<del>8.</del>	143 – 153	10	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the Zones.  
2. Zone Sl. No. 2 is highly intermixed with very fine bands of kankar.  
3. Zones Sl. No. 3 & 5 are highly intermixed with fine bands of kankar.

*Verified as per logs provided.*

*GSh  
02/04/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)