

# 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:22-23:LS:1K- **705**

Dated: 05-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sidhwari**  
Block: **Pharenda**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **220.0 m bgl**  
Logging Depth: **208.0m bgl 212 MBGL**  
Date of logging: **05-03-2023**  
Rm - **20.0 cm** Rw - **24.0 cm**

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 (mbgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
<del>1.</del>	26 - 39	13	Good
<del>2.</del>	47 - 56	09	Good
<del>3.</del>	91 - 101	10	Good
<del>4.</del>	112 - 116	04	Good
<del>5.</del>	143 - 150	07	Good
<del>6.</del>	155 - 162	07	Good
<del>7.</del>	187 - 191	04	Good
<del>8.</del>	203 - 210	07	Good

Note: ~~1.~~ Fine bands of Kankar are intermixed with almost all the Zones.

~~2.~~ Zone Sl. No. 1 & 4 are highly intermixed with fine bands of kankar.

Verified as per logs provided.

Note - One more zone 66-76 (10m) - good.  
may add.  
GSh

For Geo Instruments & Technic's

  
(S. Shukla)