

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: 221

Dated: 20-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Majhaua**
Block: **Siswa**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **210.0 m bgl**
Logging Depth: **197.0 m bgl**
Date of logging: **19-04-2023**
Rm - **14.0 Ωm** Rw - **17.0 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)
1.	27 - 33	06	Good
2.	38 - 50	12	Good
3.	55 - 59	04	Good
4.	68 - 78	10	Good
5.	88 - 104	16	Good
6.	119 - 126	07	Good
7.	157 - 161	04	Good
8.	169 - 173	04	Good
9.	186 - 192	06	Good

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

2. Zones Sl. No. 2 & 5 are highly intermixed with fine bands of Kankar.

Verified as per logs provided.
G. Shukla
24/04/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)