

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- 549
Dated: 19-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bashdila**
Block: **Siswa**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **175.0 m bgl**
Logging Depth: **173.0m bgl**
Date of logging: **18-02-2023**
Rm - **23.0 Ωm** Rw - **25.0 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.	20 - 23	03	Good
2.	30 - 34	04	Good
3.	40 - 49	09	Good
4.	55 - 65	10	Good
5.	68 - 75	07	Good
6.	86 - 96	10	Good
7.	105 - 109	04	Good
8.	115 - 122	07	Good
9.	135 - 139	04	Good
10.	145 - 152	07	Good
11.	164 - 168	04	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 4 is highly intermixed with fine band of kankar.

Verified as per logs provided
GSh
20/02/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)