

# 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: **738**

Dated: 13-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Basant Pur**  
Block: **Ghughuli**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **210.0 m bgl**  
Logging Depth: **195.0 m bgl**  
Date of logging: **12-06-2023**  
Rm - **13.0  $\Omega$ m** Rw - **26.0  $\Omega$ m**

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

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.	21 - 25	04	Good
2.	30 - 34	04	Good
3.	37 - 41	04	Good
4.	45 - 49	04	Good
5.	56 - 63	07	Good
6.	67 - 74	07	Good
7.	76 - 80	04	Good
8.	94 - 104	10	Good
9.	109 - 116	07	Good
10.	121 - 125	04	Good
11.	139 - 143	04	Good
12.	157 - 163	06	Good
13.	167 - 171	04	Good
14.	176 - 180	04	Good
15.	189 - 193	04	Good

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

Verified as per logs provided  
Note: SrNo 9-110-116 (6m)  
SrNo 15-190-193 (3m)  
For Geo Instruments & Technic's  
(S. Shukla)  
GSh  
12/06/23