

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

s & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKN

Ref:GIT:UP: PJM:23-24:LS: 369

Dated: 05-05-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Belahatha  
 Block: Rani Ki Sarai  
 District: Azamgarh  
 State: Uttar Pradesh  
 Date of Logging: 01-05-2023  
 Drilling Depth: 172.0 m bgl  
 Logging Depth: 167.0 m bgl  
 Rm – 11.0 Ωm Rw – 12.0 Ωm

Borehole Drilled by: M/s Sudhakar infratech Pvt. Ltd. Azamgarh, 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.	24 – 28	04	Good
2.	34 – 38	04	Good
3.	52 – 59	07	Good
4.	64 – 68	04	Good
5.	90 – 100	10	Good
6.	103 – 107	04	Good

Note: 1. Zone Sl. No. 5 is highly intermixed with fine bands of kankar.

2. Quality of ground water is deteriorating Marginal to Saline below 118.0 m bgl to till depth logged.

*Verified as per logs provided*

*GSR  
06/05/23*

For Geo Instruments & Technic's

*S. Shukla*  
 (S. Shukla)