

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

s & Service Dealer : Upron 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 Qm Rw - 12.0 Qm

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

*G. Sr
06/05/23*

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)