

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS:1K- 433-A

Dated: 12-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Balhara - *Re-logging*
 Block: Sathiyaon
 District: Azamgarh
 State: Uttar Pradesh
 Date of Logging: 10-02-2023
 Drilling Depth: 195.0 m bgl
 Logging Depth: 183.0 m bgl

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.	23 - 27	04	Good
2.	33 - 40	07	Good
3.	46 - 50	04	Good
4.	55 - 59	04	Good
5.	66 - 70	04	Good
6.	87 - 97	10	Good
7.	104 - 108	04	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 2 & 3 are highly kankar intermixed.

3. Quality of ground water is deteriorating Marginal to Saline below 120.0 m bgl to till depth Logged.

3. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided
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 13/02/23

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)