

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:K- 151

Dated: 21-08-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pihar
Block: Haraiya
District: Azamgarh
State: Uttar Pradesh
Date of Logging: 21-08-2023
Drilling Depth: 170.0m bgl
Logging Depth: 166.0 m bgl
Rm – 14.0 Ω m Rw – 16.0 Ω m

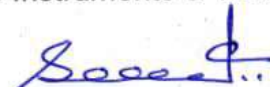
Borehole Drilled by: M/s ECO Protection Private Limited, Azamgarh,
Uttar Pradesh, India.

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.	17 – 21	04	Good
2.	27 – 31	04	Good
3.	40 – 44	04	Good
4.	61 – 68	07	Good
5.	80 – 83	03	Good
6.	94 – 98	04	Good
7.	111 – 121	10	Good
8.	128 – 132	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 3, 5, 6 & 8 are highly intermixed with fine bands of kankar.
3. Quality of Ground water is deteriorating marginal to saline below 130.0 m bgl to till depth logged.

For Geo Instruments & Technic's


(S. Shukla)