

# Geo INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

REGH UP PJM 23-24 LS 116

Dated 14-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bibiganj  
Block: Phoolpur  
District: Azamgarh  
State: Uttar Pradesh  
Date of Logging: 13-04-2023  
Drilling Depth: 200.0 m bgl  
Logging Depth: 193.0 m bgl  
Rm - 10.0 Qm Rw - 10.0 Qm

Borehole Drilled by: M/s Sky Lark Infra Engineering, 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 - 34	10	Good
2	50 - 54	04	Good
3	60 - 67	07	Good
4	75 - 82	07	Good
5	103 - 110	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating marginal to saline below 128.0 m bgl to till depth logged.

For Geo Instruments & Technic's

Verified as per logs provided

(S. Shukla)

Note: S<sub>o</sub> NO<sub>3</sub> - 63-67 (AM)

GSh  
15/04/23