

Geo Instruments & Technic's
 (A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer - Uptron Borehole logging system, UPTERON INDIA LTD., LUCKNOW

Ref: GII/UP/PJM/23-24/LS/100

Dated: 11-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Arnaula
 Block: Phoolpur
 District: Azamgarh
 State: Uttar Pradesh
 Date of Logging: 10-07-2023
 Drilling Depth: 200.0 m bgl
 Logging Depth: 170.0 m bgl
 Rm - 16.0 Qm Rw - 18.0 Qm

Borehole Drilled by: M/s Sky Lark Infra Engineering, 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	16 - 20	04	Good
2	32 - 36	04	Good
3	49 - 56	07	Good
4	60 - 66	06	Good
5	72 - 76	04	Good
6	80 - 83	03	Good
7	90 - 96	06	Good to Moderate
8	106 - 110	04	Moderate

- Note: 1. Fine bands of Kankar are intermixed with almost all the zones.
 2. Zone Sl. No. 2 & 6 are highly intermixed with fine bands of kankar.
 3. Quality of ground water is deteriorating marginal to saline below 110.0 m bgl to till depth logged.

Verified as per logs provided
G.Sh
11/04/23

For Geo Instruments & Technic's

S. Shukla
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