

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 235

Dated: 21-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Chandauka
Block: Bhati
District: Ambadker nagar
State: Uttar Pradesh
Date of Logging: 18-04-2023
Drilling Depth: 175.0 m
Logging Depth: 174.0 m
Rm - 10.0 Ω m R_w - 16.0 Ω m

Borehole Drilled by: VTL GAJA Engineering Ltd., Ambadker nagar, 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.	27 - 34	07	Good
2.	41 - 48	07	Good
3.	53 - 57	04	Good
4.	105 - 115	10	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 4 is 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.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. Sh
24/04/23