

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: 23-24:LS: 161

Dated: 21-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Khatiyara**
Block: **Salon**
District: **Raebareli**
State: **Uttar Pradesh**
Drilling depth: **280.0 m bgl**
Logging depth: **278.0 m bgl**
Date of logging: **20-05-2023**
Rm - ~~20.0~~ Ωm Rw - ~~19.0~~ Ωm

Borewell Drilled By: M/s NCC Limited. Raebareli, 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 (meters)	Remarks (Quality of aquifer water)
1.	20 - 24	04	Good
2.	28 - 34	06	Good
3.	36 - 46	10	Good
4.	56 - 60	04	Good
5.	102 - 106	04	Moderate
6.	114 - 118	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 6 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 140.0 m bgl to till depth logged.
4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided

*G.S.S.
22/05/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)