

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:22-23:LS: 273

Dated: 18-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Johawa Nataki**
Block: **Dalmau**
District: **Raebareli**
State: **Uttar Pradesh**
Date of Logging: **16-02-2023**
Drilling Depth: **290.0 m bgl**
Logging Depth: **283.0 m bgl**
Rm - ~~10.5 Ω m~~ Rw - ~~12.5 Ω m~~

Borehole Drilled by: M/s NCC Limited, Raebareli, Uttar Pradesh.

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.	30 - 34	04	Good
2.	40 - 44	04	Good
3.	70 - 80	10	Good
4.	276 - 283	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 in between 90.0 to 262.0 m bgl.
3. Predominated Clay is present in depth range 262.0 to 270.0 m bgl.
4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

*GSh
20/02/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

