

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref.GIT:UP: PJM:24-25:LS: 131

Dated: 26-11-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tighra Ghat
Block: Khuniyaon
District: Siddharthnagar
State: Uttar Pradesh
Date of Logging: 25-11-2024
Drilling Depth: 171.0 m bgl
Logging Depth: 165.0 m bgl
Rm -18.0 Ω m Rw -20.0 Ω m

Latitude: 27.191805

Longitudes: 82.800995

Borehole Drilled by: M/s Jakson Vishvaraj (JV) Siddharath Nagar, 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.	23 - 29	07	Good
2.	36 - 42	06	Good
3.	53 - 60	07	Good
4.	63 - 69	06	Good
5.	82 - 92	10	Good
6.	99 - 106	07	Good
7.	110 - 113	03	Good
8.	116 - 126	10	Good
9.	137 - 149	12	Good
10.	152 - 155	03	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4, 8 & 9 are highly intermixed with fine bands of kankar.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

(S. Shukla)