

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: PJM:23-24:LS: **K-56**

Dated: 25-07-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Khanpur**
Block: **Haidargarh**
District: **Barabanki**
State: **Uttar Pradesh**
Date of Logging: **24-07-2023**
Drilling Depth: **175.0m bgl**
Logging Depth: **168.0mbgl**
Rm – **22.0 Ωm** Rw – **21.0 Ωm**

Borehole Drilled by: M/s Megha Engineering & Infrastructure Limited
Barabanki, 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 – 50	10	Good
3.	55 – 59	04	Good
4.	79 – 82	03	Good
5.	99 – 103	04	Good
6.	114 – 121	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 below 137.0 mbgl to till depth logged.

For Geo Instruments & Technic's


(S. Shukla)