

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:22-23:LS:1K- **504**
 Dated: 15-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kithaya**
 Block: **Bani Coder**
 District: **Barabanki**
 State: **Uttar Pradesh**
 Date of Logging: **14-02-2023**
 Drilling Depth: **170.0 m bgl**
 Logging Depth: **163.0 m bgl**
 Rm - **16.0 Om** Rw - **18.0 Om**

Borehole Drilled by: M/S Megha Engineering & Infratech Ltd.,
 Barabanki, 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 (meter)	Remark (Quality of Aquifer Water)
1.	18 - 25	07	Good
2.	28 - 32	04	Good
3.	48 - 58	10	Good
4.	65 - 75	10	Good
5.	92 - 105	13	Good

Note: 1. Zones Sl. No. 3 to 5 are highly intermixed with very fine bands of kankar.

2. Quality of ground water is deteriorating Marginal to Saline below 118.0 m bgl to till depth logged.

Verified as per logs provided.
 G.Ch
 15/02/23

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)