

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:22-23:LS:1K- **680**

Dated: 03-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Miyaganj**
Block: **Dariyabad**
District: **Barabanki**
State: **Uttar Pradesh**
Date of Logging: **02-03-2023**
Drilling Depth: **170.0 m bgl**
Logging Depth: **154.0 m bgl**
Rm - **18.0 Ω m** Rw - **12.0 Ω m**

Borehole Drilled by: M/s Mega Engineering & Infrastructure 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.	22 - 29	07	Good
2.	41 - 48	07	Good
3.	51 - 61	10	Good
4.	68 - 78	10	Good
5.	82 - 92	10	Good
6.	100 - 114	14	Good
7.	124 - 134	10	Good
8.	142 - 148	06	Good
9.	151 - 154	03	Good

70-78

Note: 1. Fine bands of kankar are intermixed with almost all the Zones.
2. Very Fine bands of kankar are highly intermixed with zones Sl. No. 4 to 7.

Verified as per logs provided.
G. S. Chakraborty
04/03/23

For Geo Instruments & Technic's

S. Shukla
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