

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- **514**

Dated: 16-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Jarauli**
Block: **Bani Kodar**
District: **Barabanki**
State: **Uttar Pradesh**
Drilling Depth: **170.0 m bgl**
Logging Depth: **153.0 m bgl**
Date of logging: **15-02-2023**
Rm - **15.0 Ω m** Rw - **12.0 Ω m**

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.	26 - 42	16	Good
2.	57 - 64	07	Good
3.	67 - 71	04	Good
4.	82 - 92	10	Good
5.	95 - 102	07	Good
6.	107 - 114	07	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 4 is highly intermixed with thin bands of Kankar.

3. Quality of Ground water is deteriorating Marginal to Saline below 120.0 m bgl to till depth Logged.

Verified as per logs provided.
Note - Sr No 2-59-64 (5m)
Gish
16/02/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)