

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- **595**

Dated: 22-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Para Ibrahim
Block: Siddhaur
District: Barabanki
State: Uttar Pradesh
Date of Logging: 21-02-2023
Drilling Depth: 165.0 m bgl
Logging Depth: 156.0 m bgl
Rm - 17.0 Ω m Rw - 15.0 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.	24 - 28	04	Good
2.	46 - 50	04	Good
3.	54 - 64	10	Good
4.	67 - 73	06	Good
5.	76 - 80	04	Good
6.	88 - 98	10	Good
7.	107 - 114	07	Good
8.	119 - 122	03	Good
9.	125 - 129	04	Good
10.	136 - 140	04	Good
11.	144 - 148	04	Good
12.	152 - 156	04	Good

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

2. Zone Sl. No. 2 is highly intermixed with fine bands of kankar.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

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22/02/23