

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- 781

Dated: 25-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tedwa
Block: Siddhaur
District: Barabanki
State: Uttar Pradesh
Date of Logging: 24-03-2023
Drilling Depth: 170.0 m bgl
Logging Depth: 167.0 m bgl
Rm - 14.0 Ω m Rw - 13.0 Ω m

Borehole Drilled by: M/s Megha Engineering & Infrastructure
Ltd. 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.	18 - 24	06	Good
2.	30 - 34	04	Good
3.	40 - 47	07	Good
4.	55 - 62	07	Good
5.	69 - 76	07	Good
6.	90 - 94	10	Good
7.	98 - 102	04	Good
8.	112 - 116	04	Good

Note: 1. Zone Sl. No. 6 is fine band with highly Kankar intermixed.

2. Quality of ground water is deteriorating Marginal to Saline below 126.0 m bgl to till depth logged.

Verified as per
logs provided

For Geo Instruments & Technic's


(S. Shukla)

G.Sh
25/03/23