

# 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- **346**  
Dated: 29-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jarmau  
Block: Haidergarh  
District: Barabanki  
State: Uttar Pradesh  
Date of Logging: 28-01-2023  
Drilling Depth: 170.0 m bgl  
Logging Depth: 160.0 m bgl

Borehole Drilled by: M/s Megha Engineering & Infrastructure Limited,  
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)
<del>1.</del>	18 - 22	04	Good
<del>2.</del>	28 - 48	20	Good
3.	60 - 64	04	Good
<del>4.</del>	78 - 82	04	Good
<del>5.</del>	89 - 93	04	Good
<del>6.</del>	115 - 127	12	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.  
3. Zone Sl. No. 3 is highly intermixed with Kankar.

*Verified as per logs provided.*  
*G.Ch*  
*30/01/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)