

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: 737

Dated: 19-11-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ranipur
Block: Haldargarh
District: Barabanki
State: Uttar Pradesh
Date of Logging: 18-11-2022
Drilling Depth: 172.0 m bgl
Logging Depth: 167.0 m bgl
Rm - 13.0 Ω m Rw - 15.0 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.	25 - 35	10	Good
2.	38 - 42	04	Good
3.	50 - 57	07	Good
4.	72 - 75	03	Good
5.	82 - 86	04	Good
6.	90 - 97	07	Good

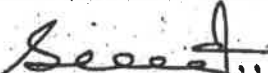
Note: 1. Fine bands of Kankar are Intermixed with almost all the Zones.

2. Zone Sl. no. 4 is Fine Sand in nature.

3. Quality of Ground water is deteriorating Marginal to saline below 110.0 m bgl to till depth Logged.

Verified as per logs provided
Note: Sr nos and 6 are intermixed with kankar.

For Geo Instruments & Technic's


(S. Shukla)

ASSISTANT GEOLOGIST
CHARGE (E/M)
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19/11/22