

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS:1K-437

Dated: 08-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Khanapur
Block: Sidhaur
District: Barabanki
State: Uttar Pradesh
Date of Logging: 07-02-2023
Drilling Depth: 173.0 m bgl
Logging Depth: 172.0 m bgl
Rm - 15.0 Ω m Rw - 18.0 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.	17 - 24	07	Good
2.	31 - 35	04	Good
3.	38 - 42	04	Good
4.	81 - 85	04	Good
5.	89 - 95	06	Good
6.	105 - 115	10	Good

Note: 1. Zone Sl. No. 2 is highly intermixed with very fine bands of kankar.
2. Quality of ground water is deteriorating Marginal to Saline below 135.0 m bgl to till depth Logged.

Verified as per
logs provided.
G.Ch
09/02/23

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(S. Shukla)