

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:23-24:LS: 811

Dated: 19-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sulempur
Block: Banikodar
District: Barabanki
State: Uttar Pradesh
Date of Logging: 17-06-2023
Drilling Depth: 165.0 m bgl
Logging Depth: 164.0 m bgl
Rm - 14.0 Ω m Rw - 15.0 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 - 25	07	Good
2.	42 - 46	04	Good
3.	52 - 58	06	Good
4.	64 - 71	07	Good
5.	79 - 86	07	Good
6.	94 - 98	04	Good
7.	128 - 132	04	Good
8.	144 - 148	04	Good
9.	152 - 156	04	Good

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

2. Zone Sl. No. 7 & 10 are highly intermixed with fine bands of Kankar.

Verified as per logs provided

For Geo Instruments & Technic's

(Signature)
(S. Shukla)

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19/06/23