

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: *IK 38*

Dated: 28-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sasha Khanta**
Block: **Bankati**
District: **Basti**
State: **Uttar Pradesh**
Date of Logging: **27-12-2022**
Drilling Depth: **135.0 m bgl**
Logging Depth: **118.0 m bgl**
Rm - **55.0 Ω m** Rw - **115.0 Ω m**

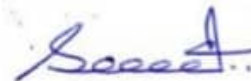
Borehole Drilled by: **M/s Megha Engineering & Infrastructure Ltd.**
Basti, Uttar Pradesh.

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.	27 - 30	03	Good
2.	45 - 58	13	Good
3.	61 - 68	07	Good
4.	75 - 90	15	Good
5.	94 - 98	04	Good
6.	108 - 112	04	Good

Note: **Fine bands of Kankar are intermixed with almost all the Zones.**

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(S. Shukla)