

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:23-24:LS: 466

Dated: 16-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Brahimpur
Block: Akhand Nagar
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 16-05-2023
Drilling Depth: 165.0 m bgl
Logging Depth: 150.0 m bgl

Borehole Drilled by: M/s VTL GAJA Engineering Ltd. Sultanpur, U. P.

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.	30 - 37	07	Good
2.	51 - 55	04	Good
3.	73 - 80	07	Good

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


2. Quality of ground water is deteriorating marginal to saline & below 111.0 m bgl to till depth logged.

3. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per
logs provided

G. S. Shukla
17/05/23

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(S. Shukla)