

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:1K- 813

Dated: 28-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Baukhari**
Block: **Gaur**
District: **Basti**
State: **Uttar Pradesh**
Date of Logging: **27-03-2023**
Drilling Depth: **137.0 m bgl**
Logging Depth: **137.0 m bgl**
Rm - **18.0 Qm** Rw - **25.0 Qm**

Borehole Drilled by: M/s MEIL, Basti, Uttar Pradesh, India.

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.	20 - 27	07	Good
2.	43 - 47	04	Good
3.	51 - 55	04	Good
4.	61 - 65	04	Good
5.	70 - 76	06	Good
6.	90 - 96	06	Good
7.	123 - 130	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 7 is highly intermixed with fine bands of Kankar.

92-96
(4m)

Verified as per
logs provided.

For Geo Instruments & Technic's


(S. Shukla)

G.Sh
29/03/23