

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 - 31

Dated: 27-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bajethi**
Block: **Bhadiya**
District: **Sultanpur**
State: **Uttar Pradesh**
Date of Logging: **25-12-2022**
Drilling Depth: **300.0 m bgl**
Logging Depth: **210.0 m bgl**
Rm - **15.0 Ω m** Rw - **18.0 Ω m**

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.	14 - 17	03	Good
2.	38 - 48	10	Good
3.	54 - 60	06	Good
4.	86 - 93	07	Good
5.	103 - 106	03	Moderate
6.	111 - 115	04	Moderate

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 2 is highly intermixed with thin band of Kankar.
3. Quality of Ground water is deteriorating Marginal to Saline below 126.0 m bgl to till depth Logged.

For Geo Instruments & Technic's


(S. Shukla)

Verified as per logs provided.
GSh
25/12/22