

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- 68

Dated: 30-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Harthua Babhanpur
Block: Akhand Nagar
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 30-12-2022
Drilling Depth: 280.0 m bgl
Logging Depth: 280.0 m bgl
Rm - ~~22.0 m~~ Rw - ~~15.0 m~~

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

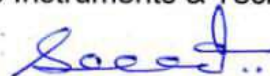
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	15 - 19	04	Good
2.	28 - 35	07	Good
3.	85 - 92	07	Good
4.	96 - 103	07	Good
5.	199 - 206	07	Good
6.	209 - 213	04	Good
7.	250 - 253	03	Good
8.	257 - 264	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 in between 113.0 to 188.0 m bgl.
3. Clay and Kankar intercalation is present in depth range 190.0 to 198.0 m bgl.
4. Please ensure pre-monsoon water level before the well assembly.

Verified as per logs provided
Note - Sr No 6-209-212 (3m)
G.Sh
31/12/22

For Geo Instruments & Technic's


(S. Shukla)