

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- 640

Dated: 27-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sarsi
Block: Karaundi kalan
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 25-02-2023
Drilling Depth: 170.0 m bgl
Logging Depth: 164.0 m bgl
Rm - 13.0 cm Rw - 13.0 cm

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.	20 - 24	04	Good
2.	31 - 38	07	Good
3.	42 - 46	04	Good
4.	60 - 66	06	Moderate
5.	80 - 87	07	Moderate
6.	96 - 102	06	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 2 & 3 are highly intermixed with fine bands of kankar.
3. Clay and Kankar intercalation is present in depth range 88.0 to 95.0 m bgl.
4. Quality of ground water is deteriorating Marginal to Saline below 108.0 m bgl to till depth logged.
5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided
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GSh
27/02/23

For Geo Instruments & Technic's
S. Shukla
(S. Shukla)