

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: 508

Dated: 30-08-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ibrahimabad
Block: Sikraura
District: Jaunpur
State: Uttar Pradesh
Drilling depth: 330.0 m bgl
Logging depth: 305.0 m bgl
Date of logging: 30-08-2022
Rm - 15.0 Ω m Rw - 12.0 Ω m

Borehole Drilled By: Welspun Enterprises, Jaunpur, 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 (meters)	Remarks (Quality of aquifer water)
1.	43 - 50	07	Good
2.	55 - 59	04	Good
3.	65 - 75	10	Good
4.	235 - 242	07	Moderate
5.	248 - 252	04	Moderate

Note: 1. Zone Sl. No. 5 is Fine Sand in nature.

2. Fine band of Kankar are intermixed with almost all the Zones.

3. Zone Sl. No. 3 is highly intermixed with thin bands of Kankar.

4. Quality of Ground Water is deteriorating Marginal to Saline in between 90.0 to 175.0 m bgl.

5. Quality of Ground Water is deteriorating in between 175 to 230 m bgl.

6. Predominated Clay layer is present in depth range 231.0-233.0 m bgl.

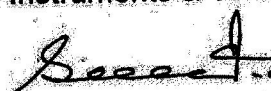
7. Quality of Ground Water is deteriorating Marginal to Saline below 260.0 m bgl to till depth Logged.

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

Verified as per logs provided.

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ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (B/M)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

For Geo Instruments & Technic's


(S. Shukla)