

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: 187

Dated: 22-08-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Banki**
Block: **Sakkara**
District: **Jaunpur**
State: **Uttar Pradesh**
Drilling depth: **330.0 m bgl**
Logging depth: **306.0 m bgl**
Date of logging: **21-08-2022**
Rm - **17.0 Ω m** Rw - **35.0 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.	41 - 45	04	Good to Moderate
2.	62 - 66	04	Good to Moderate
3.	216 - 220	04	Good
4.	224 - 228	04	Good
5.	240 - 244	04	Good
6.	254 - 261	07	Good
7.	264 - 268	04	Good
8.	286 - 290	04	Moderate

Note: 1. Fine band of Kankar are intermixed with almost all the Zones.

2. Zones Sl. No. 5 is highly intermixed with Kankar.

3. Quality of Ground Water is deteriorating Marginal to Saline in between 72.0 to 140.0 m bgl.

3. Quality of Ground Water is deteriorating in between 140.0 to 200.0 m bgl.

4. In between 200.0 to 204.0 m bgl intercalation of Clay & Kankar is present.

5. Quality of Ground Water is deteriorating Marginal to Saline below 295.0 m bgl to till depth Logged.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

Verified as per logs provided

G. S. H.
22/08/22
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