

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS:1K- 161

Dated: 10-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kumbh
Block: Mariyahu
District: Jaunpur
State: Uttar Pradesh
Date of Logging: 09-01-2023
Logging Depth: 268.0 m bgl
Rm 21.0 Ω m Rw - 19.0 Ω m

Borehole Drilled by: M/s Welspun Enterprises, Jaunpur, Uttar Pradesh.

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.	24 - 28	04	Good
2.	40 - 44	04	Moderate
3.	148 - 160	12	Moderate
4.	163 - 166	03	Moderate
5.	172 - 176	04	Moderate
6.	183 - 190	07	Good to Moderate
7.	195 - 198	03	Good
8.	205 - 215	10	Good
9.	222 - 232	10	Good
10.	236 - 240	04	Good
11.	244 - 251	07	Good
12.	255 - 258	03	Good
13.	262 - 266	04	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 50.0 to 132.0 m bgl.
3. Predominated Clay is present in depth range 140.0 to 145.0, 177.0 to 182.0 and 190.0 195.0 m bgl.

Verified as per logs provided
GIL
11/01/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)