

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:23-24:LS: **787**
Dated: 16-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Chhatari**
Block: **Jalalpur**
District: **Jaunpur**
State: **Uttar Pradesh**
Date of Logging: **14-06-2023**
Logging Depth: **304.0 m bgl**
Rm - **11.0 Ω m** Rw - **10.0 Ω m**

Borehole Drilled by: M/s Afcons Infrastructure Ltd. Jaunpur, 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.	19 - 23	04	Good
2.	30 - 36	06	Good
3.	38 - 41	03	Good
4.	120 - 124	04	Moderate
5.	142 - 146	04	Moderate
6.	161 - 165	04	Good
7.	175 - 182	07	Good
8.	193 - 200	07	Good
9.	208 - 215	07	Good
10.	230 - 236	06	Good
11.	239 - 243	04	Good
12.	256 - 260	04	Good
13.	268 - 275	07	Good
14.	284 - 288	04	Good
15.	292 - 295	03	Moderate to Marginal

- 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 46.0 to 100.0 m bgl.
3. Predominated clay is present in depth range 100.0 to 107.0 m bgl.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

CSH
17/06/23