

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: 280

Dated: 21-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bhilampur**
Block: **Sadar**
District: **Pratapgarh**
State: **Uttar Pradesh**
Date of Logging: **20-02-2023**
Logging Depth: **148.0 m bgl**
Rm **-14.0 Om** Rw **-13.0 Om**

Borehole Drilled by: M/s JMC india Limited, Pratapgarh, U.P.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 (meter)	Remark (Quality of Aquifer Water)
1.	26 - 30	04	Good
2.	42 - 46	04	Good
3.	74 - 83	09	Good

- Note: ~~1. Fine bands of kankar are intermixed with almost all the Zones.~~
~~2. Quality of Ground Water is deteriorating Marginal to Saline below 106.0 m bgl to till depth Logged.~~
~~3. Please ensure pre-monsoon water level before lower the well assembly.~~

Verified as per logs provided
G.Sh
21/02/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)