

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:K- 614

Dated: 03-02-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Pakdihawa**
Block: **Barhni**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Drilling Depth: **205.0 m bgl**
Logging Depth: **200.0 m bgl**
Date of logging: **02-02-2024**
Rm – **28.0 Ωm** Rw – **15.0 Ωm**

Latitude: **27.4169880** Longitude: **82.7640300**


Borehole Drilled by: **M/s Jakson Vishvaraj (JV) Siddharath Nagar, 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 (meter)	Remark (Quality of Aquifer Water)
1.	16 – 20	04	Good
2.	24 – 30	06	Good
3.	33 – 40	07	Good
4.	46 – 50	04	Good
5.	54 – 58	04	Good
6.	61 – 65	04	Good
7.	77 – 84	07	Good
8.	89 – 92	03	Good
9.	113 – 123	10	Good
10.	130 – 140	10	Good
11.	153 – 157	04	Good
12.	166 – 176	10	Good
13.	180 – 187	07	Good
14.	196 – 200	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 9, 12 & 15 are highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's


(S. Shukla)