

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: *K-611*

Dated: 26.01.24

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Pipra Murgihwa & Madhwapur**
Block: **Itwa**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Date of Logging: **25-01-2024**
Drilling Depth: **230.0 m bgl**
Logging Depth: **204.0 m bgl**
Rm – **22.0 Ωm** Rw – **26.0 Ωm**

Latitude: **27.350682** Longitude: **82.713865**

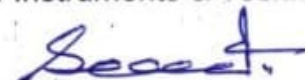
Borehole Drilled by: **M/s Jakson Vishvaraj (JV) Siddharath Nagar, Uttar Pradesh, India.**

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 – 36	12	Good
3.	46 – 59	13	Good
4.	80 – 87	07	Good
5.	92 – 104	12	Good
6.	115 – 125	10	Good
7.	135 – 148	13	Good
8.	152 – 155	03	Good
9.	188 – 192	04	Good
10.	196 – 202	06	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 4 is highly intermixed with fine bands of kankar.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)