

Ref:GIT:UP: PJM-22-23:LS: 4915

Dated: 23-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sawareji**
 Block: **Maharajanj Sadar**
 District: **Maharajanj**
 State: **Uttar Pradesh**
 Date of Logging: **22-12-2022**
 Drilling Depth: **135.0 m bgl**
 Logging Depth: **135.0 m bgl**
 Rm - **25.0 Ω m** Rw - **23.0 Ω m**

Borehole Drilled by: M/s JMC India Limited, Mahrajganj, 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.	20 - 24	04	Good
2.	33 - 40	07	Good
3.	48 - 51	03	Good
4.	58 - 70	12	Good
5.	84 - 94	10	Good
6.	111 - 115	04	Good
7.	119 - 123	04	Good
8.	126 - 132	06	Good

Note: 1. ~~Very Fine bands of Kankar are intermixed with almost all the Zones.~~

2. ~~Zone Sl. No. 4 is highly intermixed with thin bands of Kankar.~~

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

*Verified as per
 logs provided*

*G. Sh
 23/12/22*