



# 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: 176  
Dated: 17-05-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Soharwaliya Kalan**  
Block: **Pharenda**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **165.0 m bgl**  
Logging Depth: **145.0 m bgl**  
Date of logging: **16-05-2022**  
Rm - **20.0  $\Omega$ m** Rw - **16.0  $\Omega$ m**

Borehole Drilled by: **M/S JMC India Limited, Maharajganj, 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)
<del>1.</del>	30 - 36	06	Good
<del>2.</del>	40 - 45	05	Good
<del>3.</del>	56 - 64	08	Good
(4.)	70 - 73	03	Good
<del>5.</del>	82 - 88	06	Good
<del>6.</del>	103 - 118	15	Good
<del>7.</del>	130 - 137	07	Good

Note: **Fine Bands of Kankar** are intermixed with almost all the Zones.

*Verified as per logs provided*

For Geo Instruments & Technic's

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