

# 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:22-23:LS:1K- 579

Dated: 21-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sikargarh**  
Block: **Brijmanganj**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **150.0 m bgl**  
Logging Depth: **145.0m bgl**  
Date of logging: **20-02-2023**  
Rm - ~~21.0 Ωm~~ Rw - ~~23.0 Ωm~~

Borehole Drilled by: M/s JMC India Limited, Maharajganj, 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)
<del>1.</del>	15 - 21	06	Good
<del>2.</del>	28 - 35	07	Good
<del>3.</del>	38 - 41	03	Good
4.	52 - 56	04	Good
<del>5.</del>	64 - 74	10	Good
<del>6.</del>	80 - 90	10	Good
<del>7.</del>	108 - 114	06	Good
<del>8.</del>	120 - 123	03	Good
<del>9.</del>	127 - 134	07	Good
<del>10.</del>	137 - 141	04	Good

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

2. Zone Sl. No 5 & 6 are highly intermixed with fine bands of kankar.

*Verified as per logs provided.*

*GSh  
21/02/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)