

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: 602

Dated: 02-10-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sumergarh**
Block: **Partawal**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **170.0 m bgl**
Logging Depth: **165.0 m bgl**
Date of logging: **01-10-2022**
Rm - 15.0 Ω m Rw - 13.0 Ω m

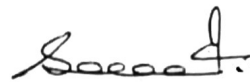
Borehole Drilled by: **M/s JMC India Limited, Maharajganj, Uttar Pradesh.**

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.	25 - 29	04	Good
2.	42 - 52	10	Good
3.	60 - 64	04	Good
4.	78 - 85	07	Good
5.	90 - 97	07	Good
6.	120 - 127	07	Good
7.	134 - 138	04	Good
8.	156 - 160	04	Good

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

For Geo Instruments & Technic's


(S. Shukla)