

# 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:1K- 851

Dated: 31-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bangawn Padain**  
Block: **Domariyaganj**  
District: **Siddarth Nagar**  
State: **Uttar Pradesh**  
Drilling Depth: **170.0 m bgl**  
Logging Depth: **170.0m bgl**  
Date of logging: **30-03-2023**  
Rm - ~~27.0 m~~ Rw - ~~50.0 m~~

Borehole Drilled by: M/s Megha Engineering & Infrastructure Ltd.  
Siddarth Nagar, 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>	28 - 38	10	Good
<del>2.</del>	46 - 53	07	Good
<del>3.</del>	58 - 65	07	Good
<del>4.</del>	85 - 91	06	Good
<del>5.</del>	108 - 114	06	Good
<del>6.</del>	122 - 129	07	Good
7	159 - 162	03	Good

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

2. Zones Sl. No. 2, 3, & 5 are highly intermixed with fine bands of kankar.

3. Zone Sl. No. 7 is fine sand and kankar intermixed.

*Verified as per logs provided.*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*G. Sh*  
09/04/23

