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# 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- 128

Dated: 07-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Baijudehara**  
 Block: **Paniyara**  
 District: **Maharajganj**  
 State: **Uttar Pradesh**  
 Drilling Depth: **140.0 m bgl**  
 Logging Depth: **134.0m bgl**  
 Date of logging: **07-01-2023**  
 Rm - ~~30.0 Ωm~~ Rw - ~~34.0 Ωm~~

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)
<del>1.</del>	14 - 20	06	Good
<del>2.</del>	24 - 27	03	Good
<del>3.</del>	30 - 36	06	Good
4.	40 - 44	04	Good
<del>5.</del>	46 - 50	04	Good
<del>6.</del>	55 - 62	07	Good
7.	80 - 84	04	Good
<del>8.</del>	102 - 106	04	Good
<del>9.</del>	110 - 120	10	Good

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

2. Zone Sl. No. 6 is highly intermixed with thin bands of Kankar.

*Verified as per logs provided.  
 Note - Sr No. 4 and 7 have fewer sediments  
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 GCh  
 07/01/23*

For Geo Instruments & Technic's

*S. Shukla*  
 (S. Shukla)