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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-123

Dated: 06-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sohah  
Block: Nichlaur  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 165.0 m bgl  
Logging Depth: 156.0m bgl  
Date of logging: 06-01-2023  
Rm - 34.0  $\Omega$ m Rw - 39.0  $\Omega$ m

Borehole Drilled by: M/s Rithwik- Koya-JV, 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.	24 - 27	03	Good
2.	30 - 37	07	Good
3.	52 - 68	16	Good
4.	72 - 75	03	Good
(5)	83 - 86	03	Good
6.	92 - 96	04	Good
7.	128 - 131	03	Good
8.	138 - 141	03	Good
9.	146 - 149	03	Good

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

2. Zone Sl. No. 5 is fine sand in nature.

3. Zone Sl. No. 8 & 9 are fine to medium sand in nature.

For Geo Instruments & Technic's

(S. Shukla)

Verified as per logs provided.  
Note - Sr No 7 to 9 are finer in nature.

G.S.  
07/01/23