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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- 849
Dated: 31-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kohra
Block: Rudauli
District: Basti
State: Uttar Pradesh
Date of Logging: 30-03-2023
Drilling Depth: 135.0 m bgl
Logging Depth: 135.0 m bgl
Rm - 17.0 Qm Rw - 15.0 Qm

Borehole Drilled by: M/s Megha Engineering & Infrastructure
Ltd. Basti, 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.	17 - 21	04	Good
2.	26 - 33	07	Good
3.	37 - 47	10	Good
4.	53 - 60	07	Good
5.	69 - 76	07	Good
6.	82 - 86	04	Good
7.	120 - 127	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 5 is highly intermixed with thin bands of Kankar.

Verified as per logs provided.

GSP
01/04/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)