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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- 103

Dated: 04-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kandhauriya & Babhanapur**
 Block: **Parsendi**
 District: **Sitapur**
 State: **Uttar Pradesh**
 Drilling Depth: **175.0 m bgl**
 Logging Depth: **165.0 m bgl**
 Date of Logging: **04-01-2023**
 Rm - 17.0 Ω m Rw - 19.0 Ω m

Borehole Drilled by: M/s NCC Limited, Sitapur, 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	18 - 25	07	Good
2	30 - 37	07	Good
3	48 - 55	07	Good
4	60 - 77	17	Good
5	84 - 93	09	Good
6	97 - 101	04	Good
7	105 - 109	04	Good
8	114 - 118	04	Good
9	133 - 143	10	Good
11	150 - 157	07	Good
12	160 - 163	03	Good

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

2. Zone Sl. No. 2 is highly intermixed with Kankar.

3. Zone Sl. No. 4 & 9 are highly intermixed with very thin bands of Kankar.

Verified as per logs provided
 GCH
 05/01/23

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)