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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:23-24:LS:K- 495
Dated: 06-12-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Champapur**
Block: **Barhni**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Drilling Depth: **205.0 m bgl**
Logging Depth: **197.0 m bgl**
Date of logging: **06-12-2023**
Rm –**15.0 Ωm** Rw – **17.0 Ωm**

Latitude: **27.426016** Longitude: **82.898046**

Borenole Drilled by: **M/s SCL Infratech Ltd. Siddharth Nagar, U. P.**

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.	20 – 27	07	Good
2.	38 – 42	04	Good
3.	52 – 59	07	Good
4.	66 – 70	04	Good
5.	74 – 78	04	Good
6.	82 – 86	04	Good
7.	92 – 96	04	Good
8.	100 –107	07	Good
9.	114 –118	04	Good
10.	122 – 126	04	Good
11.	128 – 132	04	Good
12.	156 – 163	07	Good
13.	166 – 176	10	Good
14.	181 – 188	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 8 is highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

(S. Shukla)

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