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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: 775
 Dated: 25-11-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Thuranda**
 Block: **Simariyawan**
 District: **Sant Kabir Nagar**
 State: **Uttar Pradesh**
 Drilling Depth: **140.0 m bgl**
 Logging Depth: **133.0 m bgl + 136 m bgl.**
 Date of logging: **24-11-2022**
 Rm - **17.0 Qm** Rw - **19.0 Qm**

Borehole Drilled by: **M/S MEIL, Sant Kabir Nagar, 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 - 22	04	Good
2.	27 - 30	03	Good
3.	38 - 45	07	Good
4.	49 - 53	04	Good
5.	58 - 62	04	Good
6.	70 - 77	07	Good
7.	85 - 95	10	Good
8.	104 - 108	04	Good
9.	115 - 118	03	Good
10.	133 - 136	03	Good

Note: 1. **Very Fine bands of Kankar are intermixed with almost all the Zones.**
 2. **Zone Sl. No. 9 is Fine Sand in nature.**

*Verified as per logs provided.
 Note: Sr No 7 may consider as Q6-qu(Qm).*

For Geo Instruments & Technic's

S. Shukla
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 CHIEF OF PARTY (TEAM)
 U.P. STATE GEOLOGICAL SURVEY
 25/11/22