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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref GIT:UP: PJM 22-23:LS:1K- 828
Dated: 29-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Madal Lakhanpur & Numain
Block: Jaisingpur
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 28-03-2023
Drilling Depth: 180.0 m bgl
Logging Depth: 168.0 m bgl
Rm - 13.0 Cm Rw - 15.0 Cm

Borehole Drilled by: M/s Vikram Engineering Pvt. Ltd. Sultanpur, U.P.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 8' geophysical logs following informations/granular zones have been deciphered:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1	30 - 34	04	Good
2	38 - 45	07	Good
3	87 - 94	07	Good
4	98 - 107	09	Good
5	120 - 124	04	Good
6	138 - 142	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 5 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating Marginal to Saline below 164.0 m bgl to till depth logged.

*Verified as per
logs provided.*

*G.Sh
29/03/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)