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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 894
Dated: 28-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jungle Sukhpura
Block: Padrauna
District: Kushi Nagar
State: Uttar Pradesh
Date of Logging: 27-06-2023
Drilling Depth: 157.0 m bgl
Logging Depth: 157.0 m bgl
Rm - 19.0 Ω m Rw - 21.0 Ω m

Borehole Drilled by: M/s NCC Limited. Kushi Nagar, U. P. India.

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.	38 - 42	04	Good
3.	65 - 75	10	Good
4.	79 - 83	04	Good
5.	88 - 91	03	Good
6.	96 - 103	07	Good
7.	107 - 114	07	Good
8.	117 - 121	04	Good
9.	133 - 139	06	Good
10.	148 - 152	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 6, 7 & 9 are highly intermixed with fine bands of Kankar.

Verified as per
logs provided

CSH
30/06/23

For Geo Instruments & Technic's

(S. Shukla)