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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Products & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:PJM:22-23:LS:1K-143

Dated: 09-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jungle Shankarpur
 Block: Dudahi
 District: Kushi Nagar
 State: Uttar Pradesh
 Drilling Depth: 150.0 m bgl
 Logging Depth: 136.0 m bgl
 Date of logging: 08-01-2023
 Rm - 12.0 Ω m Rw - 20.0 Ω m

Borehole Drilled by: M/s NCC Limited, Kushi 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.	16 - 20	04	Good
2.	27 - 33	06	Good
3.	36 - 40	04	Good
4.	49 - 59	10	Good
5.	64 - 71	07	Good
6.	74 - 80	06	Good
7.	86 - 96	10	Good
8.	100 - 110	10	Good
9.	117 - 123	06	Good
10.	130 - 134	04	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
 2. Zones Sl. No. 3 & 4 are highly intermixed with thin bands of Kankar.
 3. Zone Sl. No. 9 is Medium Sand & highly intermixed with Kankar.
 4. Zone Sl. No.10 is Fine to Medium sand in Nature.

Verified as per logs provided
Note - Sr No 8-101-110 (9m)
Sr No 10-131-134 (3m)
G.Sh
10/01/23

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)