

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref: GIT:UP: 23-24:LS: *PJM 905*
Dated: 29-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Barampur**
Block: **Dudahi**
District: **Kushi Nagar**
State: **Uttar Pradesh**
Drilling depth: **158.0 m bgl**
Logging depth: **140.0 m bgl**
Date of logging: **27-06-2023**
Rm - ~~13.0 Ωm~~ Rw - ~~14.0 Ωm~~

Tubewell 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 (meters)	Remarks (Quality of aquifer water)
1.	35 - 41	06	Good
2.	46 - 50	04	Good
3.	54 - 58	04	Good
4.	61 - 68	07	Good
5.	80 - 83	03	Good
6.	87 - 91	04	Good
7.	103 - 107	04	Good
8.	113 - 119	06	Good
9.	123 - 127	04	Good

Note: ~~Fine bands of kankar are intermixed with almost all the zones.~~

Verified as per logs provided

*G.Sh
30/06/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)