

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:23-24:LS: *PJM: 278*
Dated: 26-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Math Surajgir
Block: Sukrauli
District: Kushi Nagar
State: Uttar Pradesh
Drilling depth: 173.0 m bgl
Logging depth: 170.0 m bgl
Date of logging: 25-04-2023
Rm - 16.0 Ω m Rw - 15.0 Ω m

Tubewell 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 (meters)	Remarks (Quality of aquifer water)
1.	24 - 27	03	Good
2.	35 - 42	07	Good
3.	46 - 50	04	Good
4.	64 - 71	07	Good
5.	77 - 84	07	Good
6.	93 - 96	03	Good
7.	107 - 111	04	Good
8.	115 - 122	07	Good
9.	126 - 130	04	Good
10.	143 - 150	07	Good
11.	163 - 170	07	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the zones.

2. Zone Sl. No. 4 is fine sand in nature.

3. Zone Sl. No. 5 & 8 are highly intermixed with fine bands of kankar.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
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26/04/23