

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:22-23:LS: 909
Dated: 10-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mehra**
Block: **Bankati**
District: **Basti**
State: **Uttar Pradesh**
Drilling depth: **149.0 m bgl**
Logging depth: **147.0 m bgl**
Date of logging: **10-12-2022**
Rm - **18.0 Ωm** Rw - **19.0 Ωm**

Tubewell Drilled By: M/S MEIL Basti, 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.	32 - 36	04	Good
2.	43 - 50	07	Good
3.	58 - 61	03	Good
4.	64 - 68	04	Good
5.	80 - 90	10	Good
6.	111 - 118	07	Good
7.	135 - 138	03	Good

Note: Zone Sl. No. 7 is fine sand in Nature.

Verified as per logs provided
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G.Sh
12/12/22

For Geo Instruments & Technic's

S. Shukla
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