

# 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:22-23:LS: 936  
Dated: 14-12-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Padri**  
Block: **Saltaua Gopalpur**  
District: **Basti**  
State: **Uttar Pradesh**  
Drilling depth: **148.0 m bgl**  
Logging depth: **134.0 m bgl**  
Date of logging: **13-12-2022**  
Rm - **18.0  $\Omega$ m** Rw - **16.0  $\Omega$ m**

Borewell Drilled By: M/s Megha Engineering & Infrastructure Limited,  
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 (mbgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	25 - 29	04	Good
2.	33 - 37	04	Good
3.	50 - 56	06	Good
4.	66 - 70	04	Good
5.	74 - 80	06	Good
6.	105 - 109	04	Good
7.	117 - 121	04	Good

Note: 1. Very Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zone Sl. No.6 is Fine Sand in Nature.

Verified as per logs provided  
Note - Sr No 4 - 67-70 (3m)  
GSM  
15/12/22

For Geo Instruments & Technic's

  
(S. Shukla)