

# 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: PJM:21-22:LS: 185

Dated: 25-12-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bariya Samunder**  
Block: **Pratapgarh Sadar**  
District: **Pratapgarh**  
State: **Uttar Pradesh**  
Date of Logging: **24-12-2022**  
Logging Depth: **154.0 m bgl**  
Rm - ~~11.0  $\Omega$ m~~ Rw - ~~15.0  $\Omega$ m~~


Borehole Drilled by: M/s Power Mech Project Ltd., Pratapgarh, U. P.

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.	22 - 26	04	Good
<del>2.</del>	<del>36 - 40</del>	<del>04</del>	<del>Good</del>
<del>3.</del>	<del>50 - 57</del>	<del>07</del>	<del>Good</del>
<del>4.</del>	<del>61 - 65</del>	<del>04</del>	<del>Good</del>

- Note: 1. ~~Fine Bands of Kankar are intermixed with almost all the Zones.~~  
2. ~~Quality of Ground water is Deteriorating Marginal to Saline below 73.0 m bgl to till depth Logged.~~  
3. ~~Please ensure premonsoon water level before lower the well assembly.~~

For Geo Instruments & Technic's

  
(S. Shukla)

*Verified as per logs provided*  
↓  
*G.P.*  
*26/12/22*