

# 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: 20

Dated: 07-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bahorikapur  
Block: Babaganj  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 04-04-2023  
Logging Depth: 248.0 m bgl  
Rm - 4.2 Om Rw - 4.0 Om

Borewell 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.	78 - 82	04	Moderate
2.	86 - 93	07	Good
3.	118 - 125	07	Good
4.	128 - 131	03	Good
5.	164 - 168	04	Moderate
6.	170 - 174	04	Moderate

Note: 1. Zones Sl. No. 4, 6, 9, 11 & 12 are highly intermixed with fine bands of kankar.

2. Quality of ground water is deteriorating Marginal to Saline in between 20.0 to 52.0 & below 192.0 m bgl to till depth logged.

3. Predominated Clay is present in depth range 54.0 to 64.0 m bgl.

*Verified as per logs provided.*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*G. S. S.*  
*08/04/23*