

# 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:22-23:LS: 222

Dated: 27-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhaisana  
Block: Babaganj  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 26-01-2023  
Logging Depth: 252.0 m bgl  
Rm -14.0  $\Omega$ m Rw -12.0  $\Omega$ 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)
<del>1.</del>	22 - 35	13	Good
<del>2.</del>	51 - 58	07	Good
<del>3.</del>	61 - 64	03	Good
<del>4.</del>	71 - 75	04	Moderate
5	136 - 140	04	Good
<del>6.</del>	143 - 150	07	Good
<del>7.</del>	170 - 174	04	Good
<del>8.</del>	179 - 185	06	Good
<del>9.</del>	200 - 207	07	Good
<del>10.</del>	224 - 227	03	Moderate

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Quality of ground water is deteriorating Marginal to Saline in between 90.0 m bgl to 130.0 m bgl till depth logged.  
3. Predominated Clay is present in depth range 130.0 to 136.0 m bgl.

*Verified as per logs provided.*  
G.S.H.  
27/01/23

For Geo Instruments & Technic's

*S. Shukla*  
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