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# 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:23-24:LS: 655

Dated: 19-10-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pure Masawan  
Block: Babaganj  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 19-10-2023  
Logging Depth: 260.0 m bgl  
Latitude: 25.787910 Longitude: 81.565925

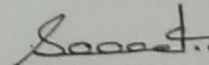
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh, Uttar Pradesh, India.

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.	20 - 27	07	Good to Moderate
2.	73 - 90	17	Moderate
3.	140 - 150	10	Moderate
4.	163 - 170	07	Moderate
5.	175 - 182	07	Moderate
6.	184 - 190	06	Moderate
7.	208 - 215	07	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Quality of ground water is deteriorating marginal to saline below 224.0 m bgl to till depth logged.

For Geo Instruments & Technic's

  
(S. Shukla)

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