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# 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: 447

Dated: 02-08-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Premapur  
Block: Jaunpur  
District: Jaunpur  
State: Uttar Pradesh  
Drilling depth: 340.0 m bgl  
Logging depth: 324.0 m bgl  
Date of logging: 01-08-2022  
Rm - 24.0  $\Omega$ m Rw - 60.0  $\Omega$ m

Borehole Drilled By: Welspun Enterprises, Jaunpur, 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 (meters)	Remarks (Quality of aquifer water)
1.	30 - 37	07	Good
2.	61 - 68	07	Good
3.	82 - 85	03	Good
4.	99 - 106	07	Good

Note: 1. Zone Sl. No. 3 is Fine Sand in nature.

2. Fine band of Kankar are intermixed with almost all the Zones.

3. Quality of Ground Water is deteriorating Marginal to Saline below 110.0 m bgl to till depth Logged.

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*Verified as per logs provided.*

G.S.  
22/08/22  
ASSISTANT HYDROGEOLOGIST  
CIRCLE OFFICE (EM)  
U.P. JAL NIGAM (RURAL)  
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