

# 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: 584  
Dated: 27-09-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Harkhamalpur  
Block: Karanja Kalan  
District: Jaunpur  
State: Uttar Pradesh  
Date of Logging: 27-09-2022  
Drilling Depth: 340.0 m bgl  
Logging Depth: 327.0 m bgl  
Rm - 14.0  $\Omega$ m Rw - 13.0  $\Omega$ m

Borehole Drilled by: M/s Welspun Enterprises, Jaunpur, 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.	27 - 31	04	Good
2.	45 - 49	04	Good
3.	56 - 63	07	Moderate to marginal
4.	83 - 90	07	Marginal

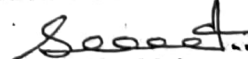
Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No.4 is highly intermixed with Kankar.

3. Quality of Ground Water is deteriorating to saline below 97.0 m bgl to till depth Logged.

4. Please ensure the pre-monsoon water level before lower the well Assembly.

For Geo Instruments & Technic's

  
(S. Shukla)

Verified as per logs provided.

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