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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:PJM:23-24:LS: 30  
Dated: 10-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Abdul Wahid Ganj  
Block: Kalakankar  
District: Pratapgarh  
State: Uttar Pradesh  
Date of Logging: 08-04-2023  
Logging Depth: 245.0 m bgl  
Rm -10.0 m Rw -13.0 m

Borewell Drilled By: M/s Power Mac Project Limited, 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 (meters)	Remarks (Quality of aquifer water)
1.	23 - 30	07	Good
2.	34 - 40	06	Good
3.	43 - 47	04	Good
4.	50 - 54	04	Good
5.	83 - 90	07	Good
6.	93 - 100	07	Good
7.	106 - 113	07	Good
8.	131 - 138	07	Good to Moderate
9.	142 - 149	07	Good
10.	162 - 166	04	Good
11.	170 - 174	04	Good
12.	178 - 182	04	Good
13.	199 - 205	06	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 7, 11 & 12 are highly intermixed with fine bands of kanakr.  
3. Quality of ground water is deteriorating Marginal to Saline below 210.0 m bgl to till depth logged.

Verified as per logs provided  
G. Gh  
11/04/23

For Geo Instruments & Technic's

(S. Shukla)