



# 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: 17  
Dated: 06-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Malakarajpur  
Block: Kunda  
District: Pratapgarh  
State: Uttar Pradesh  
Drilling depth: 230.0 m bgl  
Logging depth: 192.0 m bgl  
Date of logging: 03-04-2023  
Rm - 17.0  $\Omega$ m Rw - 15.0  $\Omega$ m

Borewell 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 (meters)	Remarks (Quality of aquifer water)
1.	28 - 38	10	Good
2.	42 - 58	16	Good
3.	60 - 64	04	Good
4.	80 - 86	06	Good
5.	89 - 96	07	Good
6.	101 - 105	04	Good
7.	108 - 112	04	Good
8.	116 - 122	06	Good
9.	134 - 141	07	Good
10.	146 - 155	09	Good
11.	174 - 181	07	Good

*Fine Sediments*

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 4 is highly intermixed with fine bands of kankar

*Verified as per logs provided*  
*Note: S/N O8 117-122 (5m)*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*Gen  
07/04/23*