

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: 446

Dated: 07-07-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pure Swamidas
Block: Mandhata
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 05-07-2023
Logging Depth: 300.0m bgl
Rm -11.0Ωm Rw -12.5Ωm

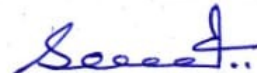
Borehole Drilled by: M/s Kalpataru Project International Limited,
Pratapgarh, Uttar Pradesh.

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.	24 - 28	04	Good
2.	40 - 46	06	Good
3.	59 - 66	07	Good
4.	85 - 94	09	Good to Moderate
5.	102 - 106	04	Good to Moderate
6.	126 - 142	16	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 2 is fine sand in Nature.
3. Quality of ground water is deteriorating marginal to saline below 152.0 m bgl to till depth logged.
4. Predominated clay is present in depth range 75.0 to 84.0 and 115.0 to 125.0 m bgl.

For Geo Instruments & Technic's


(S. Shukla)