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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

Authorised Sales & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW.

Ref:GIT:UP: PJM:22-23:LS: 69

Dated: 30-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Dhanaupur**
Block: **Shivgarh**
District: **Pratapgarh**
State: **Uttar Pradesh**
Date of logging: **29-05-2022**
Logging Depth: **285.0m bgl**
Rm - **13.0 Ω m** Rw - **14.0 Ω m**

Borehole Drilled by: **M/s J.M.C. India 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.	20 - 30	10	Good
2.	42 - 46	04	Good
3.	48 - 52	04	Good
4.	55 - 60	05	Good
5.	65 - 70	05	Moderate

Note: **1.** Fine bands of Kankar are intermixed with almost all the Zones.
2. Quality of Ground Water is deteriorating Marginal to Saline below **82.0 m bgl** to till depth Logged.

Verified as per
logs provided.

For Geo Instruments & Technic's

(S. Shukla)

G.I.T. INSTRUMENTS & TECHNIC'S
3/10/2022
U.P. JAL NIGAM (LATERAL)