

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS: 68

Dated: 30-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Devli**
 Block: **Laxmanpur**
 District: **Pratapgarh**
 State: **Uttar Pradesh**
 Date of logging: **29-05-2022**
 Logging Depth: **272.0 m bgl**
 Rm - **12.0 Ω m** Rw - **13.0 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.	21 - 28	07	Good
2.	35 - 40	05	Good
3.	52 - 55	03	Good
4.	65 - 70	05	Good
5.	80 - 87	07	Moderate

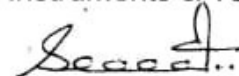
Note: **1. Fine bands of Kankar are intermixed with almost all the Zones.**

2. Zone Sl. No. 4 is Fine sand in nature.

3. Quality of Ground Water is deteriorating Marginal to Saline below 100.0-m bgl to till depth Logged.

Verified as per logs provided.

For Geo Instruments & Technic's


 (S. Shukla)

G. S. S. GEOLOGIST
 31/05/22
 U.P. JAL NIGAM (RURAL)
 PRAYAGRAJ