

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: 23-24:LS: 4, 4

Dated: 14-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ram Garh Khas & Husasgarh
Block: Lalganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 13-04-2023
Logging Depth: 298.0 m bgl
Rm - 15.0 Qm Rw - 13.0 Qm

Borehole Drilled by: M/s Power Mech Project Ltd., Pratapgarh, Uttar Pradesh, India.

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.	22 - 26	04	Good
2.	28 - 32	04	Good
3.	65 - 72	07	Good
4.	202 - 206	04	Good
5.	208 - 211	03	Good
6.	222 - 229	07	Good to Moderate

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 3 & 5 are highly intermixed with fine bands of kankar.

3. Quality of ground water is deteriorating marginal to saline in between 84.0 to 184.0 & below 236.0 m bgl to till depth Logged.

4. Predominated Clay is present in depth range 184.0 to 191.0 m bgl.

5. Please ensure pre-monsoon water level before lower the well assembly.

Kankar Inter-calcation.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

A. Shukla
15/04/23