

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: 22-23:LS: 268

Dated: 15-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Asrhi
 Block: Lalganj
 District: Pratapgarh
 State: Uttar Pradesh
 Date of Logging: 14-02-2023
 Logging Depth: 304.0m bgl
 Rm -27.0 Qm Rw -19.0 Qm

Borehole 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 (meter)	Remark (Quality of Aquifer Water)
1.	20 - 27	07	Good
2.	30 - 43	13	Good
3.	62 - 69	07	Good
4.	188 - 194	06	Moderate
5.	196 - 206	10	Moderate
6.	209 - 213	04	Moderate
7.	222 - 226	04	Moderate
8.	228 - 231	03	Moderate

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
 2. Zone Sl. No. 5 is highly intermixed with Kankar.
 3. Quality of ground water is deteriorating Marginal to Saline in between 88.0 to 174.0 & below 244.0 m bgl to till depth logged.
 4. Clay and Kankar intercalation is present in depth range 174.0 to 186.0 m bgl.
 5. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

*Gishy
16/02/23*

For Geo Instruments & Technic's

S. Shukla
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