

Geo INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:21-22:LS: 182
Dated: 25-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Delarganj
Block: Kunda
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 23-12-2022
Logging Depth: 245.0 m bgl
Rm - 20.5 Ω m Rw - 21.5 Ω m

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.	28 - 32	04	Good
2.	36 - 40	04	Good
3.	43 - 47	04	Good
4.	81 - 91	10	Good to Moderate
5.	106 - 110	04	Good to Moderate
6.	118 - 122	04	Good to Moderate
7.	128 - 134	06	Good to Moderate
8.	140 - 144	04	Good
9.	147 - 154	07	Good
10.	156 - 159	03	Good

- Note: 1. Fine Bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 8 is highly intermixed with Kankar
3. Quality of Ground water is deteriorating Marginal to Saline below 168.0 m bgl to till depth Logged.
4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.
GSh
26/12/22

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)