

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: PJM:23-24:LS: 46
 Dated: 15-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Aima Jatapur
 Block: Bihar
 District: Pratapgarh
 State: Uttar Pradesh
 Date of Logging: 14-04-2023
 Logging Depth: 277.0 m bgl
 Rm - 14.0 Ω m Rw - 12.0 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.	46 - 52	06	Good
2.	54 - 69	15	Good
3.	96 - 106	10	Good
4.	114 - 121	07	Good
5.	125 - 132	07	Good
6.	140 - 146	06	Good
7.	152 - 162	10	Good
8.	164 - 168	04	Good
9.	170 - 174	04	Good
10.	184 - 188	04	Good
11.	190 - 194	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
 2. Zone Sl. No. 2, 3 & 7 are highly Intermixed with fine bands of Knakar.
 3. Quality of ground water is deteriorating Marginal to Saline below 210.0 m bgl to till depth logged.

Verified as per logs provided.
 Note Sr No 2
 54-60 (6m)
 64-69 (5m) Secret.
 (S. Shukla)
 G.S.R
 10/04/23