

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:22-23:LS: 297
 Dated: 25-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sarai Swami
 Block: Babaganj
 District: Pratapgarh
 State: Uttar Pradesh
 Date of Logging: 24-02-2023
 Logging Depth: 289.0 m bgl
 Rm - 12.0 Ω m Rw - 14.0 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.	22 - 28	06	Good
2.	44 - 50	06	Good
3.	95 - 105	10	9 Good
4.	110 - 114	04	2 Good
5.	117 - 121	04	2 Good
6.	124 - 128	04	3L Good
7.	135 - 139	04	3L Good
8.	144 - 147	03	Good
9.	158 - 165	07	6 Good
10.	169 - 173	04	Good
11.	182 - 188	06	Good
12.	191 - 197	06	Good
13.	200 - 203	03	Good Mod.
14.	207 - 211	04	Moderate
15.	214 - 221	07	Moderate to Marginal
16.	226 - 232	06	

- Note: 1. Zone Sl. No. 4, 7, 8, & 9 are highly intermixed with fine bands of Kankar.
 2. Zone Sl. No. 12 is highly intermixed with very fine bands of kankar.
 3. Quality of ground water is deteriorating Marginal to Saline below 248.0 m bgl to till depth logged.

Verified as per logs provided.

G.Sh
 25/02/23

For Geo Instruments & Technic's
 (S. Shukla)

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