

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: 22
Dated: 07-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Khanwari
Block: Babaganj
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 06-04-2023
Logging Depth 280.0 m bgl
Rm - 18.0 ~~Om~~ Rw - 16.0 ~~Om~~

Borewell Drilled By: M/s Kalpataru Power Transmission 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.	15 - 19	04	Good
2.	24 - 28	04	Good
3.	42 - 49	07	Good
4.	81 - 88	07	Good
5.	93 - 100	07	Good
6.	107 - 117	10	Good
7.	120 - 123	03	Good
8.	128 - 131	03	Good
9.	143 - 153	10	Good
10.	166 - 173	07	Good
11.	180 - 183	03	Good
12.	187 - 194	07	Good
13.	200 - 207	07	Good
14.	216 - 220	04	Good to Moderate
15.	230 - 234	04	Moderate
16.	242 - 249	07	Moderate To marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No.6 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating Marginal to Saline between below 253.0 m bgl to till depth logged.

Verified as per
logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. Sh
09/04/23