

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:23-24:LS: 70

Dated: 22-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sarai Nahar
Block: Bihar
District: Pratapgarh
State: Uttar Pradesh
Logging depth: 302.0 m bgl
Date of logging: 20-04-2023
Rm -10.0 Om Rw -9.6 Om

Borewell Drilled By: M/s Power Mech. Project Ltd., Pratapgarh, U.P., India.

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 (meters)	Remarks (Quality of aquifer water)
1.	18 - 22	04	Good
2.	50 - 54	04	Good
3.	60 - 64	04	Good
4.	66 - 78	12	Good
5.	82 - 94	12	Good
6.	100 - 104	04	Good
7.	108 - 115	07	Good
8.	129 - 133	04	Good
9.	139 - 146	07	Good
10.	149 - 153	04	Good
11.	158 - 162	04	Good
12.	164 - 167	03	Good
13.	170 - 180	10	Good
14.	183 - 186	03	Good
15.	188 - 195	07	Good

82-92
(10m)

149-152
(3m)

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 4, 6, 9 & 13 are highly intermixed with fine bands of kankar.

3. Quality of ground water is deteriorating Marginal to Saline below 260.0 m bgl to till depth logged.

4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided

For Geo-Instruments & Technic's

S. Shukla
(S. Shukla)

G.S.H
24/04/23