

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: 498

Dated: 19-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bhiura**
Block: **Katehri**
District: **Ambedkar Nagar**
State: **Uttar Pradesh**
Date of Logging: **18-05-2023**
Drilling Depth: **165.0 m bgl**
Logging Depth: **161.0 m bgl**
Rm - **19.0 Qm** Rw - **21.0 Qm**

Borehole Drilled by: M/s VTL Gaja Engineering Ambedkar Nagar, 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.	32 - 36	04	Good
2.	39 - 43	04	Good
3.	56 - 66	10	Good
4.	87 - 97	10	Good
5.	110 - 114	04	Good
6.	125 - 132	07	Good
7.	150 - 154	04	Good

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

2. Zone Sl. No. 4, 6 & 7 are highly intermixed with fine bands of kankar.

Verified as per
logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G.Sh
19/05/23