

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 219

Dated: 20-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Ramgarh**
Block: **Bhiyawan**
District: **Ambedkar Nagar**
State: **Uttar Pradesh**
Date of Logging: **18-04-2023**
Drilling Depth: **170.0 m bgl**
Logging Depth: **170.0 m bgl**
Rm - **15.0 Ωm** Rw - **17.0 Ωm**

Borehole Drilled by: M/s VTL GAJA Engineering Ltd., Ambedkar Nagar, Uttar Pradesh, 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 (meter)	Remark (Quality of Aquifer Water)
1.	18 - 28	10	Good
2.	33 - 40	07	Good
3.	53 - 57	04	Good
4.	96 - 103	07	Good
5.	108 - 119	11	Good
6.	129 - 136	07	Good
7.	155 - 158	03	Good

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

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

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

Verified as per logs provided.
G. Shukla
21/04/23