

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: 207

Dated: 26-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Baniyani**
Block: **Baskhari**
District: **Ambadker Nagar**
State: **Uttar Pradesh**
Date of Logging: **25-04-2023**
Drilling Depth: **165.0 m bgl**
Logging Depth: **152.0 m bgl**
Rm - **18.0 Ωm** Rw - **20.0 Ωm**

Borehole Drilled by: **VTL GAJA Engineering Ltd., Ambadker 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.	18 - 25	07	Good
2.	46 - 50	04	Good
3.	55 - 62	07	Good
4.	66 - 73	07	Good
5.	76 - 86	10	Good
6.	90 - 97	07	Good
7.	100 - 104	04	Good
8.	111 - 121	10	Good
9.	124 - 130	06	Good
10.	142 - 146	04	Good

Note: 1. Zones Sl. No. 2, 6, & 8 are highly intermixed with fine bands of kankar.

2. Zone Sl. No. 5 is intermixed with fine bands of kankar.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G.S.H.
27/04/23