

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:22-23:LS:1K- 481

Dated: 12-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Barsoma**
Block: **Jaisinghpur**
District: **Sultanpur**
State: **Uttar Pradesh**
Date of Logging: **11-02-2023**
Drilling Depth: **172.0 m bgl**
Logging Depth: **164.0 m bgl**
Rm - **16.0 Ω m** Rw - **18.0 Ω m**

Borehole Drilled by: M/s VTL GAJA Engineering Ltd., Sultanpur, 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 - 22	07	Good
2.	26 - 33	07	Good
3.	38 - 42	04	Good
4.	56 - 62	06	Good
5.	70 - 76	06	Good
6.	93 - 102	09	Good
7.	134 - 138	04	Moderate

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

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

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

Verified as per logs provided.
G.Sh
13/02/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)