

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 874

Dated: 26-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhabhot  
Block: Jaisinghpur  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 25-06-2023  
Drilling Depth: 170.0 m bgl  
Logging Depth: 164.0 m bgl  
Rm - 16.0  $\Omega$ m Rw - 18.0  $\Omega$ 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.	16 - 20	04	Good
2.	32 - 36	04	Good
3.	41 40 - 46 45	06 04	Good
4.	50 - 57	07	Good
5.	62 - 69	07	Good
6.	74 - 78	04	Good
7.	109 - 113	04	Moderate

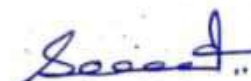
Note: 1. Fine bands of kankar are intermixed with almost all the zones.

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

3. Quality of ground water is deteriorating marginal to saline below 112.0 m bgl to till depth logged.

For Geo Instruments & Technic's

Verified as per  
logs provided  
Gch  
26/06/23

  
(S. Shukla)