

# Geo INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Exclusive Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 126  
Dated: 13-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Behra Bhari  
Block: Akhand Nagar  
District: Sultanpur  
State: Uttar Pradesh  
Date of Logging: 11-04-2023  
Drilling Depth: 270.0 m bgl  
Logging Depth: 237.0 m bgl  
Rm - 21.0  $\Omega$ m Rw - 22.0  $\Omega$ 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.	20 - 24	04	Good
2.	28 - 32	04	Good
3.	33 - 40	07	Good
4.	55 - 65	10	Good
5.	70 - 74	04	Good
6.	84 - 102	18	Good
8.	106 - 113	07	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 3 is highly intermixed with fine bands of kankar.  
3. Quality of ground water is deteriorating Marginal to Saline & below 117.0 m bgl to till depth logged.

Verified as per  
logs provided.  
Note: Sr No 4-56-6Epr  
(8W)

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

G.S.H.  
13/04/23