

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS:1K- 313  
Dated: 25-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sanjhwan  
Block: Bhati  
District: Ambedkar Nagar  
State: Uttar Pradesh  
Date of Logging: 25-01-2023  
Drilling Depth: 170.0 m bgl  
Logging Depth: 170.0 m bgl  
Rm -28.0  $\Omega$ m Rw -27.0  $\Omega$ m

Borehole Drilled by: M/s VTL GAJA Engineering Ltd. Ambedkar 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)
<del>1.</del>	18 - 24	06	Good
<del>2.</del>	33 - 40	07	Good
<del>3.</del>	44 - 51	07	Good
<del>4.</del>	60 - 67	07	Good
<del>5.</del>	71 - 75	04	Good
<del>6.</del>	80 - 90	10	Good
<del>7.</del>	106 - 113	07	Good
8.	124 - 128	04	Good
9.	165 - 168	03	Good

- Note: 1. Fine Bands of Kankar are intermixed with almost all the Zones.  
2. Zone Sl. No. 5 is highly intermixed with kankar.  
3. Zone Sl. No. 8 is fine sand in nature.

*Verified as per logs provided.  
Note - Sr No 8 and 9 are finer in nature.*

G.Sh  
28/01/23

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)