

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS:1K-608

Dated: 23-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Singhi  
 Block: Sathiyaon  
 District: Azamgarh  
 State: Uttar Pradesh  
 Date of Logging: 22-02-2023  
 Drilling Depth: 180.0 m bgl  
 Logging Depth: 167.0 m bgl  
 Rm - 16.0 Qm Rw - 13.0 Qm

Borehole Drilled by: M/s Sudhakar Infratech Pvt. Ltd. Azamgarh. 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>	22 - 29	07	Good
<del>2.</del>	36 - 40	04	Good
<del>3.</del>	48 - 51	03	Good
<del>4.</del>	62 - 66	04	Good
<del>5.</del>	93 - 100	04	Good
<del>6.</del>	114 - 121	07	Good
<del>7.</del>	126 - 136	10	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
 2. Zone Sl. No. 2 & 5 are highly intermixed with fine bands of kankar.  
 3. Quality of ground water is deteriorating Marginal to Saline below 142.0 m bgl to till depth logged.

*Verified as per logs provided.*  
 G.S.H  
 24/02/23

For Geo Instruments & Technic's

*S. Shukla*  
 (S. Shukla)