

**Geo Instruments & Technic's**  
(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer - Upron Borehole Logging system, UPRON INDIA LTD., LUCKNOW

Ref: GIT UP PJM 23-24 LS 102

Dated: 11-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Soerpatti  
Block: Ahiraula  
District: Azamgarh  
State: Uttar Pradesh  
Date of Logging: 10-07-2023  
Drilling Depth: 180.0 m bgl  
Logging Depth: 135.0 m bgl  
Rm - 15.0  $\Omega$ m R<sub>w</sub> - 11.0  $\Omega$ m

Borehole Drilled by: M/s Sky Lark Infra Engineering, 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 information/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	30 - 36	06	Good
3	38 - 42	04	Good
4	54 - 58	04	Good
5	62 - 66	04	Good
6	70 - 74	04	Good
7	76 - 79	03	Good
8	88 - 92	04	Good
9	98 - 101	03	Good
10	116 - 123	07	Good
11	127 - 134	07	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 1, 3, 4, 8 & 11 are highly intermixed with fine bands of kankar.

*Verified as per logs provided*

*GSh  
11/04/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)