

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 781

Dated: 15-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Purandarpur Sonbarsa  
Block: Laxmipur  
District: Maharajanj  
State: Uttar Pradesh  
Drilling Depth: 200.0 m bgl  
Logging Depth: 170.0 m bgl  
Date of logging: 14-06-2023  
Rm -18.0  $\Omega$ m Rw -15.0  $\Omega$ m

Borehole Drilled by: M/s Rithwik-Koya- JV, Maharajanj, U.P. India.

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.	30 - 37	07	Good
2.	42 - 46	04	Good
3.	60 - 63	03	Good
4.	71 - 75	04	Good
5.	100 - 107	20	Good
6.	113 - 120	07	Good
7.	126 - 130	04	Good
8.	132 - 136	04	Good
9.	146 - 153	07	Good
10.	164 - 168	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zones Sl. No. 4 is highly intermixed with fine bands of Kankar.

Verified as per logs provided.  
Note: Sr No. 5 - 103-107 (4m)

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

G. Sh  
15/06/23