

# 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: 766

Dated: 14-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Patna Mubarakpur  
Block: Ramnagar  
District: Ambedkar Nagar  
State: Uttar Pradesh  
Date of Logging: 12-06-2023  
Drilling Depth: 165.0 m bgl  
Logging Depth: 155.0 m bgl  
Rm - 11.0  $\Omega$ m Rw - 12.0  $\Omega$ m

Borehole Drilled by: M/s Vindhya Telelink 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:

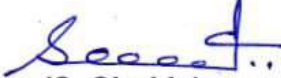
Sl. No	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
<del>1.</del>	40 - 46	06	Good
<del>2.</del>	50 - 57	07.05	Good
3.	70 - 74	04	Good
<del>4.</del>	88 - 92	04	Good
<del>5.</del>	96 - 102	06	Good
<del>6.</del>	122 - 129	07	Good

Note: Fine bands of kankar are intermixed with almost all the zones.

Verified as per logs provided

G.Sh  
15/06/23

For Geo Instruments & Technic's

  
(S. Shukla)