

# 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:22-23:LS: 673

Dated: 05-11-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Patauna**  
Block: **Katehari**  
District: **Ambedkar Nagar**  
State: **Uttar Pradesh**  
Date of Logging: **05-11-2022**  
Drilling Depth: **170.0 m bgl**  
Logging Depth: **168.0 m bgl**  
Rm - ~~18.0  $\Omega$ m~~ Rw - ~~16.0  $\Omega$ m~~

Borehole Drilled by: **Vindhya Telelinks Ltd, Ambedkar Nagar, Uttar Pradesh.**

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>	20 - 35	15	Good
<del>2.</del>	43 - 50	07	Good
<del>3.</del>	55 - 60	05	Good
<del>4.</del>	74 - 90	16	Good
<del>5.</del>	106 - 110	04	Good
<del>6.</del>	130 - 133	03	Good
<del>7.</del>	139 - 145	06	Good
<del>8.</del>	151 - 155	04	Good

Note: **1. Fine Bands of Kankar are intermixed with almost all the Zones.**

**2. Zones Sl. No. 6 and 8 are Fine Sand in nature.**

For Geo Instruments & Technic's

*Verified as per logs provided.*

*S. Shukla*  
(S. Shukla)

G.Sh  
ASSISTANT HYDROGEOLOGIST  
07/11/2022  
UPTRON INDIA LTD.