

# 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: 281

Dated: 10-06-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Badauliada**  
Block: **Bhawarkol**  
District: **Ghazipur**  
State: **Uttar Pradesh**  
Date of Logging: **10-06-2022**  
Drilling depth: **200.0 m bgl**  
Logging Depth: **186.0 m bgl**  
Rm - ~~12.0  $\Omega$ m~~ Rw - ~~12.0  $\Omega$ m~~

Borehole Drilled by: L & T Limited, Ghazipur, Uttar Pradesh, 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 (meters)	Remarks (Quality of aquifer water)
<del>1.</del>	42 - 48	06	Good
<del>2.</del>	53 - 56	03	Good
<del>3.</del>	60 - 64	04	Good
<del>4.</del>	67 - 71	04	Good
<del>5.</del>	75 - 81	06	Good
<del>6.</del>	91 - 94	03	Good
<del>7.</del>	109 - 113	04	Good
<del>8.</del>	125 - 133	08	Good
<del>9.</del>	137 - 150	13	Good
<del>10.</del>	154 - 157	03	Good
<del>11.</del>	161 - 168	07	Good

Note: Fine bands of Kankar are intermixed with almost all the Zones.

*Verified as per logs provided.*

*G.S.K.*  
ASSISTANT HYDROGEOLOGIST  
13/06/22  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ

For Geo Instruments & Technic's

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