

# 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: 9 |

Dated: 10-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bargadhi**  
Block: **Ghughli**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **170.0 m bgl**  
Logging Depth: **164.0 m bgl**  
Date of logging: **09-04-2023**  
Rm - **12.0  $\Omega$ m** Rw - **23.0  $\Omega$ m**

Borehole Drilled by: M/s Rithwik- Koya- (JV), Maharajganj, 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.	17 - 21	04	Good
<del>2.</del>	<del>27 - 41</del>	<del>14</del>	<del>Good</del>
<del>3.</del>	<del>66 - 73</del>	<del>07</del>	<del>Good</del>
<del>4.</del>	<del>76 - 83</del>	<del>07</del>	<del>Good</del>
<del>5.</del>	<del>88 - 98</del>	<del>10</del>	<del>Good</del>
<del>6.</del>	<del>105 - 109</del>	<del>04</del>	<del>Good</del>
<del>7.</del>	<del>135 - 145</del>	<del>10</del>	<del>Good</del>
<del>8.</del>	<del>157 - 164</del>	<del>07</del>	<del>Good</del>

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

*Verified as per logs provided.*  
*G. Sh*  
*11/04/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)