



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email: [sl.antaresh11@gmail.com](mailto:sl.antaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/204

Date: 11-06-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Karuaawal, Block – Brijmanganj, Distt. – Maharajganj

Drilling Depth (m) : 250.00 mbgl as reported by Driller

Logged Depth (m) : 221.00 mbgl

Date of Logging : 11.06.2023

Types of Log : ~~S.P., Resistivity (Normal) & Natural Gamma~~

Logger Used : Robertson Geologging..

Bore Hole Drilled by: Rithwik-Koya-JV..

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m. bgl)	Thickness (m)	Quality & Types of Strata	$R_{mf}$ & $R_w$
<del>1</del>	<del>34 – 38</del>	<del>4</del>	<del>Good</del>	$R_{mf} = 21.23 \Omega m$ $R_w = 18.76 \Omega m$
<del>2</del>	<del>48 – 51</del>	<del>3</del>	<del>Good</del>	
<del>3</del>	<del>82 – 93</del>	<del>11</del>	<del>Good</del>	
<del>4</del>	<del>108 – 112</del>	<del>4</del>	<del>Good</del>	
<del>5</del>	<del>142 – 160</del>	<del>18</del>	<del>Good</del>	
<del>6</del>	<del>192 – 196</del>	<del>4</del>	<del>Good</del>	

Remark : ~~1. Almost all zones are intermixed with fine bands of kankar.~~

~~2. No proper granular zones encountered below 196 mbgl to till depth logged.~~

*Verified as per logs provided*

*G. Ch*  
*12/08/23*



(Signature)  
Geophysicist