



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email: [si.amaresh11@gmail.com](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/209

Date: 13-06-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Kardah, Block - Nichtaul, Distt. - Maharajganj

Drilling Depth (m) : 200.00 mbgl as reported by Driller

Logged Depth (m) : ~~145.00~~ mbgl

Date of Logging : 13.06.2023

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>30 - 42</del>	<del>12</del>	<del>Good</del>	<del><math>R_{mf} = 18.58 \Omega m</math> <math>R_w = 21.27 \Omega m</math></del>
<del>2</del>	<del>62 - 70</del>	<del>8</del>	<del>Good</del>	
<del>3</del>	<del>72 - 78</del>	<del>6</del>	<del>Good</del>	
<del>4</del>	<del>120 - 124</del>	<del>4</del>	<del>Good</del>	

Remark ~~1. Almost all zones are intermixed with fine bands of kankar.~~  
~~2. No proper granular zones found below 124 mbgl to fill depth logged.~~

*Verified as per logs provided*

*Gish*

*14/06/23*

*Gish*  
  
 Geophysicist