



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Kharkora, Block - Brijmanganj, Dist. - Maharajganj

Drilling Depth (m) : 220.00 mbgl as reported by Driller

Logged Depth (m) : ~~219.50 mbgl~~

Date of Logging : 15.06.2023

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

Logger Used : ~~Robertson Geologging.~~

Bore Hole Drilled by : Rithwik-Koya-IV.



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	$R_{mt}$ & $R_w$
<del>1</del>	<del>30 - 39</del>	<del>9</del>	<del>Good</del>	$R_{mt} = 28.81 \Omega m$ $R_w = 39.06 \Omega m$
<del>2</del>	<del>98 - 108</del>	<del>10</del>	<del>Good</del>	
<del>3</del>	<del>116 - 126</del>	<del>10</del>	<del>Good</del>	
<del>4</del>	<del>132 - 138</del>	<del>6</del>	<del>Good</del>	
<del>5</del>	<del>162 - 183</del>	<del>21</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

15/06/23

  
  
(G. K. Singh)  
Geophysicist