



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/236

Date: 21-06-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhawant Nagar, Block – Pharenda, Distt. – Maharajganj

Drilling Depth (m) : 168.00 mbgl as reported by Driller

Logged Depth (m) : ~~165.00~~ mbgl

Date of Logging : 21.06.2023

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

Logger Used : ~~Robertson Geologging.,~~

Bore Hole Drilled by: Kalpataru Power Transmission Ltd.,

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 – 38</del>	<del>8</del>	<del>Good</del>	$R_{mf} = 28.25 \Omega m$ $R_w = 35.21 \Omega m$
<del>2</del>	<del>41 – 44</del>	<del>3</del>	<del>Good</del>	
<del>3</del>	<del>86 – 90</del>	<del>4</del>	<del>Good – fine in Nature</del>	
<del>4</del>	<del>102 – 114</del>	<del>12</del>	<del>Good</del>	
<del>5</del>	<del>130 – 133</del>	<del>3</del>	<del>Good, Fine Sand</del>	
<del>6</del>	<del>142 – 148</del>	<del>6</del>	<del>Good</del>	

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

Verified as per  
logs provided.

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G.S.H.  
22/06/23

  
  
(G.S.H.)  
Geophysicist