



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/202

Date: 10-06-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Babhanauli Buzurg, Block – Partawal,  
Distt. – Maharajganj

Drilling Depth (m) : 158.00 mbgl as reported by Driller

Logged Depth (m) : ~~143.20 mbgl~~

Date of Logging : 10.06.2023

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>28 – 38</del>	<del>10</del>	<del>Good</del>	<del><math>R_{mf} = 31.48 \Omega m</math> <math>R_w = 22.94 \Omega m</math></del>
<del>2</del>	<del>42 – 46</del>	<del>4</del>	<del>Good</del>	
<del>3</del>	<del>50 – 56</del>	<del>6</del>	<del>Good</del>	
<del>4</del>	<del>68 – 71</del>	<del>3</del>	<del>Good</del>	
<del>5</del>	<del>102 – 118</del>	<del>16</del>	<del>Good</del>	
<del>6</del>	<del>131 – 135</del>	<del>4</del>	<del>Good</del>	

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

*Verified as per logs provided*

*G. Sh  
12/06/23*

*Dr. Singh*  
  
(*Dr. Singh*)  
Geophysicist