



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/IR/242

Date: 23-06-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location: Vill - Semrahana, Block - Nichaul, Dist. - Maharajganj

Drilling Depth (m) : 206.00 mbgl as reported by Driller

Logged Depth (m) : 184.00 mbgl

Date of Logging : 23.06.2023

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

Logger Used : Robertson Geologging

Bore Hole Drilled by: Ritwik-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	$R_{mf}$ & $R_w$
<del>1</del>	<del>36 - 46</del>	<del>10</del>	<del>Good, Kankar Intermixed</del>	<del><math>R_{mf} = 12.36 \Omega m</math></del>
<del>2</del>	<del>54 - 76</del>	<del>22</del>	<del>Good, Kankar Intermixed</del>	<del><math>R_w = 14.97 \Omega m</math></del>
<del>3</del>	<del>98 - 101</del>	<del>3</del>	<del>Good - Fine Sand</del>	
<del>4</del>	<del>128 - 132</del>	<del>4</del>	<del>Good</del>	
<del>5</del>	<del>164 - 172</del>	<del>8</del>	<del>Good</del>	

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

Verified as per  
logs provided

G.S.R.  
24/06/23

  
  
Geophysicist