



# (Ground Water Assessment & Allied Services)

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Ardauna, Block - Nichlaul, Distt - Maharajganj

Drilling Depth (m) : 135.00 mbgl as reported by Driller

Logged Depth (m) : ~~133.50 mbgl~~

Date of Logging : 02.04.2023

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

Logger Used : ~~Robertson Geologging~~

Borehole 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	$R_{mf}$ & $R_w$
<del>01</del>	<del>32 - 45</del>	<del>13</del>	<del>Good</del>	<del><math>R_{mf} = 27.45 \Omega m</math> <math>R_w = 34.65 \Omega m</math></del>
<del>02</del>	<del>53 - 58</del>	<del>5</del>	<del>Good</del>	
<del>03</del>	<del>60 - 71</del>	<del>11</del>	<del>Good</del>	
<del>04</del>	<del>110 - 114</del>	<del>4</del>	<del>Good</del>	
<del>05</del>	<del>124 - 127</del>	<del>3</del>	<del>Good</del>	
06	129 - 132	3	Good	

Note:

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

*Verified as per logs provided.*

*G. Sh  
03/04/23*

*Arch*



(A.K. Singh)  
Geophysicist