

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/113

Date: 14-05-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 132.00 mbgl as reported by Driller

Logged Depth (m) : 115.70 mbgl

Date of Logging : 14.05.2023

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

Logger Used : Robertson Geologging

Bore Hole Drilled by: Rithwik-Koya-JV.,


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>22 - 25</del>	<del>3</del>	<del>Good</del>	<del><math>R_{mf} = 16.53 \Omega m</math></del>
<del>2</del>	<del>32 - 36</del>	<del>4</del>	<del>Good</del>	<del><math>R_w = 37.12 \Omega m</math></del>
<del>3</del>	<del>38 - 46</del>	<del>8</del>	<del>Good</del>	
<del>4</del>	<del>49 - 52</del>	<del>3</del>	<del>Good</del>	
<del>5</del>	<del>58 - 68</del>	<del>10</del>	<del>Good, Kankar Mixed</del>	
<del>6</del>	<del>72 - 75</del>	<del>3</del>	<del>Good</del>	
<del>7</del>	<del>79 - 82</del>	<del>3</del>	<del>Good</del>	

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

Verified as per  
logs provided

G.Sh  
15/05/23

  
(G.S. Singh)  
Geophysicist