



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : [si.amaresh11@gmail.com](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/093

Date: 07-05-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bairawa Chandanpur, Block – Laxmipur,  
Distt. – Maharajganj

Drilling Depth (m) : 172.00 mbgl as reported by Driller

Logged Depth (m) : 160.00 mbgl

Date of Logging : 07.05.2023

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>	18 – 22	4	Good	<del><math>R_{mf} = 14.35 \Omega m</math></del>
2	32 – 36	4	Good	$R_w = 15.27 \Omega m$
<del>3</del>	40 – 44	4	Good	
<del>4</del>	52 – 58	6	Good	
<del>5</del>	104 – 110	6	Good	
<del>6</del>	118 – 124	6	Good	
<del>7</del>	146 – 149	3	Good	

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

Verified as per logs provided  
Note: SINO 9 – highly kankar intermixed

All zone are fine in nature



G. S. Singh (High)  
Geophysicist  
08/05/23

