



# 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/027

Dated: 03-04-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sonabandi, Block – Brijmanganj, Distt - Maharajganj

Drilling Depth (m) : 147.00 mbgl as reported by Driller

Logged Depth (m) : ~~145.50 mbgl~~

Date of Logging : 03.04.2023

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

Logger Used : ~~Robertson Geologging~~

Borehole Drilled by : Kalpatru 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>01</del>	30 – 38	8	Good	<del><math>R_{mf} = 20.20 \Omega m</math></del>
<del>02</del>	73 – 77	4	Good	<del><math>R_w = 21.41 \Omega m</math></del>
<del>03</del>	90 – 107	17	Good	
<del>04</del>	120 – 128	8	Good	

Note:

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

*Verified as per logs provided*

*A.K. Singh*  
  
(A.K. Singh)  
Geophysicist