



# 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: GIC/JJM/ Balrampura/117

Date : 18.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Khameria Alahadpur, Block – Shreedattganj  
Distt. – Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 18.02.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : ~~Upton~~

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

SL No.	Depth Range (m. bgl)	Thickness (m)	Types of strata	$R_{mf}$ & $R_w$
<del>1</del>	<del>24 – 40</del>	<del>16</del>	<del>Good, Fine to medium sand</del>	<del><math>R_{mf} = 28.9 \Omega m</math> <math>R_w = 30.5 \Omega m</math></del>
<del>2</del>	<del>47 – 56</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>3</del>	<del>70 – 77</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>80 – 90</del>	<del>10</del>	<del>Good, Fine to medium sand, Kankar intermixed</del>	
<del>5</del>	<del>94 – 98</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>110 – 114</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>125 – 135</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	

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

*Verified as per  
logs provided.*

*G.Sh  
20/02/23*

*Print*  
  
(A.K. Singh)  
Geophysicist