



# 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/Ambedkar Nagar/43

Date : 06.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Ainwa, Block – Jahangirganj  
Distt. – Ambedkar Nagar

**Drilled Depth** : 170 mbgl

**Logged Depth** : ~~165~~ mbgl

**Date of Logging** : 06.02.23

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

**Logger Used** : ~~Uptron~~

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 <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>25 – 37</del>	<del>12</del>	<del>Good</del>	<del>R<sub>mf</sub> = 28.3 Ωm</del>
<del>2</del>	<del>47 – 55</del>	<del>8</del>	<del>Good</del>	<del>R<sub>w</sub> = 30 Ωm</del>
<del>3</del>	<del>67 – 73</del>	<del>6</del>	<del>Good</del>	
<del>4</del>	<del>80 – 87</del>	<del>7</del>	<del>Good</del>	
<del>5</del>	<del>92 – 96</del>	<del>4</del>	<del>Good</del>	
<del>6</del>	<del>100 – 115</del>	<del>15</del>	<del>Good, Highly kankar mixed</del>	
<del>7</del>	<del>117 – 121</del>	<del>4</del>	<del>Good</del>	
<del>8</del>	<del>128 – 132</del>	<del>4</del>	<del>Good</del>	
<del>9</del>	<del>145 – 153</del>	<del>8</del>	<del>Good</del>	
<del>10</del>	<del>157 – 161</del>	<del>4</del>	<del>Good</del>	

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

CC :

M/S Vindhya Telelinks Ltd

*Verified as per logs provided.*  
G.S.H.  
07/02/23

*Drink*  
  
(A.K. Singh)  
Geophysicist