



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Shravasti/108

Date : 23.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sujandeeh, Block – Jamunaha  
District - Shravasti

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~167 mbgl~~

Date of Logging : 23.06.23

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)	Probable Lithology	Remarks	$R_{\text{net}}$ & $R_{\text{L}}$
<del>1</del>	<del>40 - 44</del>	<del>4</del>	<del>Fine to medium sand</del>	<del>Good</del>	<del><math>R_{\text{net}} = 30 \Omega</math></del>
<del>2</del>	<del>50 - 58</del>	<del>8</del>	<del>Fine to medium sand</del>	<del>Good</del>	<del><math>R_{\text{net}} = 25 \Omega</math></del>
<del>3</del>	<del>65 - 70</del>	<del>5</del>	<del>Fine to medium sand</del>	<del>Good</del>	<del><math>R_{\text{net}} = 25 \Omega</math></del>
<del>4</del>	<del>87 - 98</del>	<del>11</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>5</del>	<del>104 - 117</del>	<del>13</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>6</del>	<del>129 - 132</del>	<del>3</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>7</del>	<del>139 - 144</del>	<del>5</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>8</del>	<del>150 - 154</del>	<del>4</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>9</del>	<del>162 - 165</del>	<del>3</del>	<del>Fine to medium sand</del>	<del>Good</del>	



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

CC: Executive Engineer (E/M Div.) U P Jal Nigam (Gramin) Gonda

Verified as per  
logs provided.

G.S.H  
24/06/23

Police

  
  
(A.K. Singh)  
Geophysicist