



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Shravasti/82

Date : 14.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Janki Nagar, Block – Hariharpur Rani  
District - Shravasti

**Drilling Depth** : 165 mbgl as Reported by Driller

**Logged Depth** : ~~160 mbgl~~

**Date of Logging** : 14.05.23

**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)	Probable Lithology	Remarks	$R_{mf}$ & $R_w$
<del>1</del>	<del>35 – 45</del>	<del>10</del>	<del>Fine to medium sand</del>	<del>Good</del>	<del><math>R_{mf} = 25 \Omega m</math></del>
<del>2</del>	<del>70 – 78</del>	<del>8</del>	<del>Fine to medium sand</del>	<del>Good</del>	<del><math>R_w = 27.1 \Omega m</math></del>
<del>3</del>	<del>88 – 92</del>	<del>4</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>4</del>	<del>114 – 119</del>	<del>5</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>5</del>	<del>123 – 127</del>	<del>4</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>6</del>	<del>136 – 145</del>	<del>9</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>7</del>	<del>150 – 155</del>	<del>5</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

*Dipalke Singh*

*Rajbhat*

G. Sh  
15/05/23

