



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)  
9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : [siamaresh11@gmail.com](mailto:siamaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Shrivasti/60

Date : 19.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village - Aggapur, Block - Sirsiya  
District - Shrivasti

**Drilling Depth** : 170 mbgl as Reported by Driller

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

**Date of Logging** : 19.04.23

**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	$R_{\text{surf}}$ & $R_{\text{sp}}$
<del>1</del>	<del>32 - 35</del>	<del>3</del>	<del>Fine to medium sand</del>	<del>Good</del>	<del><math>R_{\text{surf}} = 26.1 \Omega\text{m}</math></del>
<del>2</del>	<del>39 - 42</del>	<del>3</del>	<del>Fine to medium sand</del>	<del>Good</del>	<del><math>R_{\text{sp}} = 27.9 \Omega\text{m}</math></del>
<del>3</del>	<del>45 - 48</del>	<del>3</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>4</del>	<del>61 - 67</del>	<del>6</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>5</del>	<del>70 - 78</del>	<del>8</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>6</del>	<del>120 - 127</del>	<del>7</del>	<del>Fine to medium sand - Kanhar</del>	<del>Good</del>	
<del>7</del>	<del>132 - 140</del>	<del>8</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>8</del>	<del>145 - 150</del>	<del>5</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>9</del>	<del>155 - 160</del>	<del>5</del>	<del>Fine to medium sand</del>	<del>Good</del>	

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

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

*Verified as per logs provided.*

*[Signature]*

*G.Sh  
20/04/23*