



# 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/232

Date : 11.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Shivpur Mahant. Block – Sridattganj  
District - Balrampur

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

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

**Date of Logging** : 11.05.23

**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)	Types of strata	R <sub>mf</sub> & R <sub>w</sub>
1	37 – 58	21	Good, Fine to medium sand	<del>R<sub>mf</sub> = 27 Ωm R<sub>w</sub> = 30.3 Ωm</del>
<del>2</del>	<del>63 – 68</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>3</del>	<del>74 – 85</del>	<del>11</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>103 – 107</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>119 – 124</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>137 – 140</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>148 – 157</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	

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

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

*Swatantre*  
JUNIOR ENGINEER  
DIVISION OFFICE (E/M)  
U.P. JAL NIGAM RURAL GONDA

*Verified as per  
logs provided*

*Gish  
12/05/23*

*A.K. Singh*  
  
(A.K. Singh)  
Geophysicist