



# 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/266

Date:- 03.12.2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Gajpur Grant Ist, Block – Gaindas Bujurg  
District - Balrampur

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

**Logged Depth** : ~~167 mbgl~~

**Date of Logging** : 03.12.2023

**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>
<del>1</del>	<del>40 – 55</del>	<del>15</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 28 Ωm</del>
2	64 – 68	4	Good, Fine to medium sand	R <sub>w</sub> = 31 Ωm
<del>3</del>	<del>72 – 80.79</del>	<del>8.7</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>86 – 96</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>105 – 108</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>114 – 126</del>	<del>12</del>	<del>Good, Fine to medium sand , kankar mixed</del>	
<del>7</del>	<del>129 – 132</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>140 – 143</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>147 – 154</del>	<del>7</del>	<del>Good, Fine to medium sand – kankar I.</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 after  
logs provided  
G.S.

  
  
(A.K. Singh)  
Geophysicist