



# 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/272

Date : 20.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Bankata Khurd Patjhii, Block – Harraiya Satgharwa  
District - Balrampur

**Drilling Depth** : 275 mbgl as Reported by Driller

**Logged Depth** : ~~255~~ mbgl

**Date of Logging** : 20.06.23

**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)	Types of strata	R <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>36 – 43</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 20.6 Ωm</del>
<del>2</del>	<del>65 – 75</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 23 Ωm</del>
<del>3</del>	<del>86 – 102</del>	<del>16</del>	<del>Good, Fine to medium sand, kankar mixed - Highly</del>	
<del>4</del>	<del>109 – 112</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>133 – 142</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>165 – 170</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>175 – 182</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>194 – 197</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>216 – 224</del>	<del>8</del>	<del>Good, Fine to medium sand - Kankar mixed</del>	
<del>10</del>	<del>229 – 238</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>11</del>	<del>237 – 245</del>	<del>8</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

Verified as per  
logs provided

G.Sh  
20/06/23

  
  
(A.K. Singh)  
Geophysicist