



# 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/257

Date : 09.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Nathaideeh, Block – Gaisandi  
District - Balrampur

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

**Logged Depth** : ~~270 mbgl~~

**Date of Logging** : 09.06.23

**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>
<del>1</del>	<del>26 – 39</del>	<del>13</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 21 Ωm R<sub>w</sub> = 24.6 Ωm</del>
<del>2</del>	<del>51 – 55</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>3</del>	<del>62 – 80</del>	<del>18</del>	<del>Good, Fine to medium sand, kankar intermixed</del>	
<del>4</del>	<del>92 – 99</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>105 – 110</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>130 – 138</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>154 – 165</del>	<del>11</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>184 – 191</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>203 – 212</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>10</del>	<del>217 – 235</del>	<del>18</del>	<del>Good, Fine to medium sand</del>	
<del>11</del>	<del>245 – 252</del>	<del>7</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.*  
*Note - Sr No 9-203-207 (4m)*  
*G.Sh*  
*10/06/23*

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