



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/247

Date : 31.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth** : 280 mbgl as Reported by Driller

**Logged Depth** : 275 mbgl

**Date of Logging** : 31.05.23

**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>
<del>1</del>	<del>68 – 71</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 22 Ωm</del>
<del>2</del>	<del>79 – 84</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 24.1 Ωm</del>
<del>3</del>	<del>113 – 117</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>122 – 125</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>134 – 142</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>164 – 167</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>197 – 200</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>225 – 238</del>	<del>13</del>	<del>Good, Fine to medium sand</del>	
9	267 – 270	3	Good, Fine to medium sand	

**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. Singh  
09/06/23

  
  
(G. K. Singh)  
Geophysicist