



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/254

Date : 07.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Nathaiyapur Kuwar, Block – Rehra Bazar  
District - Balrampur

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

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

**Date of Logging** : 07.06.23

**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>25 – 32</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	R <sub>mf</sub> = 29 Ωm R <sub>w</sub> = 32 Ωm
<del>2</del>	<del>37 – 44</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>3</del>	<del>55 – 66</del>	<del>11</del>	<del>Good, Fine to medium sand</del> - Highly Kankar-I.	
<del>4</del>	<del>75 – 78</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>80 – 88</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>90 – 96</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>110 – 115</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>122 – 125</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>137 – 148</del>	<del>8</del>	<del>Good, Fine to medium sand</del> - Highly Kankar-I.	

**Remark** : ~~145~~ 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.S. Singh  
08/06/23

  
  
(G.S. Singh)  
Geophysicist