



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/184

Date : 13.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Belaya Madanpur, Block – Rehra Bazar  
District - Balrampur

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

**Logged Depth** : ~~169 mbgl~~

**Date of Logging** : 13.04.23

**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>
1	27 – 36	9	Good, Fine to medium sand	<del>R<sub>mf</sub> = 22 Ωm R<sub>w</sub> = 22.9 Ωm</del>
2	38 – 46	8	Good, Fine to medium sand	
3	49 – 53	4	Good, Fine to medium sand	
<del>4</del>	<del>60 – 68</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>72 – 80</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>85 – 96</del>	<del>11</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>111 – 116</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>137 – 142</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>148 – 152</del>	<del>4</del>	<del>Good, Fine to medium sand</del> – Highly kankar.	
<del>10</del>	<del>165 – 168</del>	<del>3</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 (Framin), Gonda

Verified as per logs provided.  
Note: Sr No 5 - 74-80 (AM)  
G. S. Singh  
15/04/23

  
  
(G. S. Singh)  
Geophysicist