



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/342

Date : 27.09.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Madhya Nagar, Block – Gaisandi  
Distt. – Balrampur

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

**Logged Depth** : 250 mbgl

**Date of Logging** : 27.09.23

**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 strara	R <sub>mf</sub> & R <sub>w</sub>
1	39 – 43	4	Good, Fine to medium sand	R <sub>mf</sub> = 22 Ωm R <sub>w</sub> = 24 Ωm
2	70 – 85	15	Good, Fine to medium sand	
3	96 – 102	6	Good, Fine to medium sand	
4	130 – 143	13	Good, Fine to medium sand	
5	155 – 158	3	Good, Fine to medium sand	
6	165 – 173	8	Good, Fine to medium sand	
7	182 – 186	4	Good, Fine to medium sand	
8	200 – 205	5	Good, Fine to medium sand	
9	212 – 238	26	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar.

CC: Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

  
  
(A.K. Singh)  
Geophysicist