



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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**GSITN: 09ANAPS3037Q1ZG**

Ref: GIC/JJM/ Balrampura/314

Date : 12.08.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Belha & Banijot, Block – Balrampur  
Distt. – Balrampur

**Drilling Depth** : 165 mbgl as Reported by Driller

**Logged Depth** : 160 mbgl

**Date of Logging** : 12.08.23

**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	40 – 48	8	Good, Fine to medium sand	R <sub>mf</sub> = 25 Ωm R <sub>w</sub> = 27 Ωm
2	72 – 83	11	Good, Fine to medium sand	
3	90 – 100	10	Good, Fine to medium sand	
4	106 – 118	12	Good, Fine to medium sand	
5	125 – 142	17	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**