



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/109

Date : 11.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Gulahriya, Block – Shreedattganj  
Distt. – Balrampur

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

**Logged Depth** : 168 mbgl

**Date of Logging** : 11.02.23

**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	30 – 37	7	Good, Fine to medium sand	R <sub>mf</sub> = 29.2 Ωm R <sub>w</sub> = 31.6 Ωm
2	47 – 64	17	Good, Fine to medium sand	
3	66 – 73	7	Good, Fine to medium sand	
4	77 – 90	13	Good, Fine to medium sand	
5	110 – 113	3	Good, Fine to medium sand	
6	127 – 130	3	Good, Fine to medium sand	
7	142 – 151	9	Good, Fine to medium sand	
8	157 – 162	5	Good, Fine to medium sand	

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

*Verified as per logs provided.  
G.S.H.  
13/02/23*

  
  
**(A.K. Singh)**  
Geophysicist