



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/394

Date : 11.11.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Pure Cheatan, Block – Tulsipur  
Distt - Balrampur

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

**Logged Depth** : 260 mbgl

**Date of Logging** : 11.11.23

**Types of Log** : S.P. & Resistivity (Normal & Lateral)



**Logger Used** : Uptron

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	35 – 40	5	Good, Fine to medium sand	R <sub>mf</sub> = 20 Ωm R <sub>w</sub> = 22 Ωm
2	47 – 60	13	Good, Fine to medium sand	
3	65 – 72	7	Good, Fine to medium sand	
4	89 – 94	5	Good, Fine to medium sand	
5	105 – 112	7	Good, Fine to medium sand	
6	120 – 142	22	Good, Fine to medium sand	
7	149 – 153	4	Good, Fine to medium sand	
8	155 – 170	15	Good, Fine to medium sand	
9	175 – 182	7	Good, Fine to medium sand	
10	190 – 195	5	Good, Fine to medium sand	
11	200 – 208	8	Good, Fine to medium sand	
12	212 – 217	5	Good, Fine to medium sand	
13	226 – 232	6	Good, Fine to medium sand	
14	242 – 252	10	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 252 mbgl to till depth logged.

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

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