



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/285

Date : 11.07.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Kalyanpur, Block – Tulsipur  
Distt. – Balrampur

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

**Logged Depth** : 265 mbgl

**Date of Logging** : 11.07.23

**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 strara	$R_{mf}$ & $R_w$
1	65 – 69	4	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$ $R_w = 25.2 \Omega m$
2	78 – 86	8	Good, Fine to medium sand	
3	100 – 110	10	Good, Fine to medium sand	
4	124 – 134	10	Good, Fine to medium sand	
5	150 – 153	3	Good, Fine to medium sand	
6	166 – 170	4	Good, Fine to medium sand	
7	182 – 190	8	Good, Fine to medium sand	
8	212 – 215	3	Good, Fine to medium sand	
9	224 – 228	4	Good, Fine to medium sand	
10	240 – 250	10	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

  
  
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Geophysicist