



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/33

Date : 27.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Bardhawa, Block – Tulsipur  
District - Balrampur

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

**Logged Depth** : 260 mbgl

**Date of Logging** : 27.11.22

**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)	Probable Lithology	Remarks	$R_{mf}$ & $R_w$
1	35 – 48	13	Fine to medium sand	Good	$R_{mf} = 18.6 \Omega m$ $R_w = 20.2 \Omega m$
2	57 – 61	4	Fine to medium sand	Good	
3	69 – 74	5	Fine to medium sand	Good	
4	80 – 87	7	Fine to medium sand	Good	
5	105 – 112	7	Fine to medium sand	Good	
6	133 – 146	13	Fine to medium sand	Good	
7	155 – 161	6	Fine to medium sand	Good	
8	170 – 175	5	Fine to medium sand	Good	
9	217 – 224	7	Fine to medium sand	Good	
10	233 – 250	17	Fine to medium sand	Good	

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

Verified as per  
logs provided.  
G.S.S.  
28/11/22

  
  
(A.K. Singh)  
Geophysicist