



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/32

Date : 27.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Padri Raikwar, Block – Shridattganj  
District - Balrampur

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

**Logged Depth** : 160 mbgl

**Date of Logging** : 27.11.22

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



**Logger Used** : Upron

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	30 – 36	6	Fine to medium sand	Good	$R_{mf} = 21 \Omega m$ $R_w = 23.1 \Omega m$
2	44 – 48	4	Fine to medium sand	Good	
3	66 – 78	12	Fine to medium sand	Good	
4	101 – 106	5	Fine to medium sand	Good	
5	125 – 132	7	Fine to medium sand	Good	
6	143 – 147	4	Fine to medium sand	Good	

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

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

  
  
(G.S. Singh)  
Geophysicist