



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Barabanki/51

Date : 21.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Husainabad, Block – Trivediganj  
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 165 mbgl

Date of Logging : 21.02.23

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	$R_{mf}$ & $R_w$
1	30 – 36	6	Good	$R_{mf} = 19.3 \Omega m$ $R_w = 22.1 \Omega m$
2	53 – 59	6	Good	
3	65 – 80	15	Good, Intermixed kankar bands	
4	86 – 92	6	Good	
5	99 – 104	5	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. Formation water quality is poor below 107mbgl to till depth logged.

Verified as per  
logs provided.  
↓  
G.S.  
22/02/23

  
  
(A.K. Singh)  
Geophysicist