



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Barabanki/157

Date : 09.08.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Sarai Saif, Block – Pure Dalai  
Distt. – Barabanki

**Drilling Depth** : 170 mbgl

**Logged Depth** : 165 mbgl

**Date of Logging** : 09.08.23

**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	32 – 42	10	Good	R <sub>mf</sub> = 21 Ωm R <sub>w</sub> = 22.4 Ωm
2	45 – 54	9	Good	
3	68 – 75	7	Good	
4	80 – 90	10	Good	
5	105 – 117	12	Good	
6	123 – 136	13	Good	
7	145 – 150	5	Good	

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

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

  
  
(N.K. Singh)  
Geophysicist