



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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**GSITN: 09ANAPS3037Q1ZG**

Ref: GIC/JJM/ Sitapur/946

Date : 24.08.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Lakhanipur, Block - Reusa  
Distt. – Sitapur

**Drilling Depth** : 165 mbgl – as reported by driller

**Logged Depth** : 150 mbgl

**Date of Logging** : 24.08.23

**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)	Quality & Types of strata	$R_{mf}$ & $R_w$
1	30 – 45	15	Good	$R_{mf} = 28 \Omega m$ $R_w = 29 \Omega m$
2	60 – 92	32	Good	
3	102 – 112	10	Good	
4	115 – 122	7	Good	
5	135 – 145	10	Good	

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

**C C :**

1. M/S NCC Sitapur

  
  
**(A.K. Singh)**  
**Geophysicist**