



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/793

Date : 03.07.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Saurepur & Datauni, Block - Behta  
Distt. – Sitapur

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

**Logged Depth** : 155 mbgl

**Date of Logging** : 03.07.23

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

**Logger Used** : IGIS



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	37 – 45	8	Good	$R_{mf} = 27 \Omega m$ $R_w = 28.6 \Omega m$
2	51 – 54	3	Good	
3	60 – 68	8	Good	
4	72 – 78	6	Good	
5	95 – 122	27	Good	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 122 mbgl to till depth logged.

**CC :**

1.M/S NCC Sitapur

  
  
(A.K. Singh)  
Geophysicist