



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sidharth Nagar

Date : 04.10.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Vijaura, Block – Bhanwapur, Tehsil - Itwa  
Distt. – Sidharth Nagar

**Drilling Depth** : 165 mbgl

**Logged Depth** : 160 mbgl

**Date of Logging** : 04.10.23

**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 strara	$R_{mf}$ & $R_w$
1	30 – 37	7	Good	$R_{mf} = 20.1 \Omega m$ $R_w = 23 \Omega m$
2	42 – 52	10	Good	
3	60 – 72	12	Good	
4	80 – 88	8	Good	
5	95 – 106	11	Good	
6	117 – 130	13	Good	
7	144 – 156	12	Good	

**Remark** : Ground water quality is **good**. Almost all zones are intermixed with fine bands of kankar.

CC :

1. Jakson Vishvaraj (JV), Sidharth Nagar

