



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/577

Date: 29-10-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Jigna Habibpur, Block – Itwa, Distt. – Siddharth Nagar

**Drilling Depth (m)** : 170.00 mbgl as reported by Driller

**Logged Depth (m)** : 165.10 mbgl

**Date of Logging** : 29.10.2023

**Types of Log** : S.P., Resistivity (Normal) & Natural Gamma

**Logger Used** : Robertson Geologging.,

**Bore Hole Drilled by** : Jackson-Vishvaraj-JV.,

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 <sub>mf</sub> & R <sub>w</sub>
1	28 – 38	10	Good	R <sub>mf</sub> = 37.31 Ωm R <sub>w</sub> = 39.20 Ωm
2	50 – 62	12	Good	
3	67 – 74	7	Good	
4	82 – 88	6	Good	
5	94 – 108	14	Good	
6	120 – 132	12	Good	
7	140 – 146	6	Good	
8	154 – 160	6	Good	

**Remark** : 1. Almost all zones are intermixed with fine bands of kankar.



(A.K. Singh)  
Geophysicist