



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth (m)** : 200.00 mbgl as reported by Driller

**Logged Depth (m)** : 194.30 mbgl

**Date of Logging** : 22.09.2023

**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	30 – 36	6	Good	R <sub>mf</sub> = 17.98 Ωm R <sub>w</sub> = 24.63 Ωm
2	42 – 47	5	Good	
3	55 – 60	5	Good	
4	68 – 78	10	Good	
5	82 – 88	6	Good	
6	96 – 106	10	Good	
7	112 – 116	4	Good	
8	124 – 132	8	Good	
9	142 – 153	11	Good	

**Remark** : 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 153 mbgl to till depth logged.



(A.K. Singh)  
Geophysicist