



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Date: 26-10-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth (m) : 205.00 mbgl as reported by Driller

Logged Depth (m) : 196.40 mbgl

Date of Logging : 26.10.2023

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_{mf} & R_w
1	30 – 38	8	Good	$R_{mf} = 19.24 \Omega m$ $R_w = 22.39 \Omega m$
2	42 – 46	4	Good	
3	50 – 56	6	Good	
4	59 – 62	3	Good	
5	66 – 72	6	Good	
6	90 – 98	8	Good	
7	104 – 112	8	Good	
8	120 – 130	10	Good	
9	138 – 152	14	Good	
10	166 – 172	6	Good	

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



(A.K. Singh)
Geophysicist