



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Date: 20-08-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Paili Khas Drill Depth Extended, Block – Semariyawan,
Distt. – Sant Kabir Nagar

Drilling Depth (m) : 190.00 mbgl as reported by Driller

Logged Depth (m) : 180.10 mbgl

Date of Logging : 20.08.2023

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	22 – 32	10	Good	$R_{mf} = 18.45 \Omega m$ $R_w = 19.95 \Omega m$
2	40 – 48	8	Good	
3	60 – 72	12	Good	
4	122 – 128	6	Good, Fine Sand	
5	144 – 147	3	Good	
6	156 – 170	14	Good	

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



(**A. K. Singh**)
Geophysicist