

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sadi Khurd, Block – Padrauna, Distt. – Kushinagar

Drilling Depth (m) : 158.00 mbgl as reported by Driller

Logged Depth (m) : 155.30 mbgl

Date of Logging : 21.07.2023

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


Logger Used : Robertson Geologging.,

Bore Hole Drilled by: NCC Ltd.,

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	26 – 34	8	Good	$R_{mf} = 18.45 \Omega m$ $R_w = 20.92 \Omega m$
2	40 – 48	8	Good	
3	60 – 72	12	Good	
4	78 – 84	6	Good	
5	104 – 113	9	Good	
6	120 – 126	6	Good	
7	138 – 148	10	Good	

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

Amit

(Noida)
Geophysicist