

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Parsauni Buzurg, Block – Tamkuhi, Distt. – Kushinagar

Drilling Depth (m) : 162.00 mbgl as reported by Driller

Logged Depth (m) : 156.50 mbgl

Date of Logging : 19.07.2023

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	30 – 36	6	Good	$R_{mf} = 13.72 \Omega m$ $R_w = 18.35 \Omega m$
2	47 – 52	5	Good	
3	58 – 66	8	Good	
4	74 – 78	4	Good	
5	82 – 86	4	Good	
6	98 – 112	14	Good	
7	124 – 133	9	Good	
8	138 – 142	4	Good	
9	148 – 154	6	Good	

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



(A. K. Singh)
Geophysicist