



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Date: 19-09-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Badagaon TW-2, Block – Brijmanganj,
Distt. – Maharajganj

Drilling Depth (m) : 220.00 mbgl as reported by Driller

Logged Depth (m) : 210.00 mbgl

Date of Logging : 19.09.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Rithwik-Koya-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	32 – 36	4	Good	$R_{mf} = 19.81 \Omega m$ $R_w = 21.73 \Omega m$
2	67 – 75	8	Good	
3	82 – 94	12	Good	
4	108 – 113	5	Good	
5	140 – 157	17	Good	
6	182 – 189	7	Good	

- Remark :** 1. Almost all zones are intermixed with fine bands of kankar. —
2. No proper granular zones encountered below 189 mbgl to till depth logged.



(A.K. Singh)
Geophysicist