



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/TR/206

Date: 11-06-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Pachna. Block – Mithaura. Distt. – Maharajganj

Drilling Depth (m) : 170.00 mbgl as reported by Driller

Logged Depth (m) : ~~165.50 mbgl~~

Date of Logging : ~~11.06.2023~~

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

Logger Used : Robertson Geologging.

Bore Hole Drilled by : Ritwik-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	34 – 48	14	Good	$R_{mf} = 24.39 \Omega m$ $R_w = 14.61 \Omega m$
2	60 – 72	12	Good	
3	74 – 78	4	Good	
4	88 – 91	3	Good	
5	108 – 112	4	Good - fine sand	
6	140 – 144	4	Good	

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

2. No proper granular zones encountered below 144mbgl

Verified & approved
log provided

G.S.H.
12/06/23


(A. J. Singh)
Geophysicist