



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/714

Date: 22-12-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Harnawa Pasiya, Block – Pachperwa, Distt. – Balrampur

Drilling Depth (m) : 281.00 mbgl as reported by Driller

Logged Depth (m) : 280.20 mbgl

Date of Logging : 22.12.2023

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	34 – 40	6	Good	$R_{mf} = 14.59 \Omega m$ $R_w = 16.60 \Omega m$
2	50 – 54	4	Good	
3	66 – 76	10	Good	
4	120 – 130	10	Good	
5	142 – 152	10	Good	
6	160 – 166	6	Good	
7	194 – 202	8	Good	
8	206 – 210	4	Good	
9	214 – 220	6	Good	
10	242 – 250	8	Good	
11	266 – 272	6	Good	

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



(A.K. Singh)
Geophysicist