



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/648

Date: 29-11-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Siswa Fataullah, Block – Semariyawan,
Distt. – Sant Kabir Nagar

Drilling Depth (m) : 160.00 mbgl as reported by Driller

Logged Depth (m) : 154.30 mbgl

Date of Logging : 29.11.2023

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	26 – 32	6	Good	R _{mf} = 16.93 Ωm R _w = 18.18 Ωm
2	40 – 52	12	Good	
3	56 – 64	8	Good, Kankar Mixed	
4	70 – 78	8	Good	
5	81 – 86	5	Good, Kankar Mixed	
6	89 – 94	5	Good	
7	112 – 127	15	Good	
8	140 – 146	6	Good	

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



(A.K. Singh)
Geophysicist