



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bantwar & Belma, Block – Haisar Bazar,
Distt. – Sant Kabir Nagar

Drilling Depth (m) : 157.00 mbgl as reported by Driller

Logged Depth (m) : 154.30 mbgl

Date of Logging : 03.11.2023

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	30 – 35	5	Good	R _{mf} = 22.52 Ωm R _w = 24.62 Ωm
2	51 – 64	13	Good	
3	78 – 88	10	Good	
4	113 – 120	7	Good, Kankar mixed fine sand	
5	130 – 146	16	Good	

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



(A.K. Singh)
Geophysicist