



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref No. : GIC/Hardoi/Misc/21

Date : 09.02.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kuchala Bijana, Block – Sandi
Distt. – Hardoi
Latitude – 27.224544°, Longitude – 79.892458°

Drilling Depth : 335 mbgl as reported by driller

Logged Depth : 332 mbgl

Date of Logging : 09.02.24

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Upton

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	25 – 35	10	Good	R _{mf} = 20 Ωm R _w = 22.4 Ωm
2	152 – 167	15	Good	
3	182 – 186	4	Good	
4	227 – 232	5	Good	
5	235 – 239	4	Good	
6	242 – 248	6	Good	
7	263 – 270	7	Good	
8	310 – 330	20	V Good	

Remark : . Almost all zones are intermixed with fine bands of kankar. Formation water quality is deteriorating marginal to saline below 45 mbgl to 146 mbgl..

C C : U P Jal Nigam (Gramin), Hardoi



(A.K. Singh)
Geophysicist

