



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/48

Date : 17.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Jannauli, Block – Banikodar
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 160 mbgl

Date of Logging : 17.02.23

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)	Types of strata	R _{mf} & R _w
1	30 – 48	18	Good, Intermixed kankar bands	R _{mf} = 21 Ωm
2	55 – 75	20	Good, Intermixed kankar bands	R _w = 22.5 Ωm
3	80 – 88	8	Good	
4	100 – 105	5	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. Below 105 mbgl. Fine sand & clay kankar exist.

*Verified as per logs provided.
GIC
18/02/23*


(A.K. Singh)
Geophysicist

