



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Barabanki/111

Date : 10.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Khetasarai, Block – Pure Dalai
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 166 mbgl

Date of Logging : 10.05.23

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	35 – 45	10	Good	$R_{mf} = 23 \Omega m$ $R_w = 25.1 \Omega m$
2	51 – 57	6	Good	
3	80 – 92	12	Good	
4	98 – 122	24	Good	
5	141 – 145	4	Good	
6	155 – 162	7	Good — Kankar Intermixed	

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

C C :

1. Executive Engineer (E/M Div.) UP Jal Nigam (Gramin), Ayodhya

Verified as per
logs provided

G Sh
11/05/23



(A.K. Singh)
Geophysicist