



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/195

Date : 16.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 167 mbgl

Logged Depth : 165 mbgl

Date of Logging : 16.11.23

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

Logger Used : Uptron

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	20 – 36	16	Good	$R_{mf} = 22 \Omega m$ $R_w = 23 \Omega m$
2	40 – 45	5	Good	
3	50 – 60	10	Good	
4	65 – 76	11	Good	
5	80 – 86	6	Good	
6	88 – 93	5	Good	
7	114 – 122	8	Good	
8	125 – 136	11	Good	
9	140 – 150	10	Good	
10	154 – 157	3	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 157 mbgl to till depth logged.

C C : Executive Engineer (E/M Div.) U P Jal Nigam (Gramin), Ayodhya



(A.K. Singh)
Geophysicist