



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/125

Date : 23.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Rulinuddinpur, Block – Haidergarh
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 168 ~~mbgl~~

Date of Logging : 23.05.23

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	23 – 40	17	Good	$R_{mf} = 20 \Omega m$
2	65 – 70	5	Good	$R_w = 22.4 \Omega m$
3	80 – 95	15	Good	
4	100 – 104	4	Good	
5	106 – 109	3	Good	

~~Remark~~ : Almost all zones are intermixed with fine bands of kankar. Formation water quality is deteriorating marginal to saline below 125 mbgl to till depth logged.

C C :

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

Verified as per
logs provided

G Sh
24/05/23



(A.K. Singh)
Geophysicist