



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/71

Date : 04.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl

Logged Depth : 165 mbgl

Date of Logging : 04.04.23

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	25 – 35	10	Good	$R_{mf} = 18.8 \Omega m$ $R_w = 20.3 \Omega m$
2	40 – 45	5	Good	
3	49 – 52	3	Good	
4	60 – 62	2	Good	
5	70 – 73	3	Good to moderate	
6	76 – 79	3	Good to moderate	

Remark : Almost all zones are intermixed with fine bands of kankar. Formation water quality is poor below 90 mbgl to till depth logged.

Verified as per
logs provided.

G.Sh
05/04/23



(A.K. Singh)
Geophysicist