



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Bahraich/01

Date : 10.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Hussainpur Mohammadpur, Block – Risiya
District - Barabanki

Drilling Depth : 230 mbgl as Reported by Driller

Logged Depth : ~~218 mbgl~~

Date of Logging : 10.04.23

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)	Probable Lithology	Remarks	R_{mf} & R_w
1	30 – 40	10	Fine to medium sand	Good	$R_{mf} = 23.8 \Omega m$
2	50 – 56	6	Fine to medium sand	Good	$R_w = 25 \Omega m$
3	60 – 69	9	Fine to medium sand	Good	
4	84 – 90	6	Fine to medium sand	Good	
5	100 – 107	7	Fine to medium sand	Good	
6	127 – 133	6	Fine to medium sand	Good	
7	146 – 155	9	Fine to medium sand	Good	
8	158 – 165	7	Fine to medium sand	Good	
9	174 – 196	22	Fine to medium sand, kankar intermixed	Good	
10	206 – 210	4	Fine to medium sand	Good	

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

Verified as per
logs provided

G.Sh
11/04/23



(A.K. Singh)
Geophysicist