

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location

: Village – Bampur, Block – Banikodari
Distt. – Barabanki

Drilling Depth

: 170 mbgl

Logged Depth

: 160 mbgl

Date of Logging

: 17.02.23

Types of Log

: S.P. & Resistivity (Normal & Lateral)

Logger Used

: Upiron

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	30 – 42	12	Good	$R_{mf} \approx 19.7 \Omega m$
2	45 – 53	8	Good	$R_w = 21.5 \Omega m$
3	57 – 77	20	Good, Intermixed kankar bands	
4	85 – 88	3	Good	
5	102 – 107	5	Good	

Remark: Almost all zones are intermixed with fine bands of kankar. Below 130 mbgl fine sand & clay kankar exists.

Verified as per logs provided
Note-Sr.No-1-30-36 (6m)
9/8/23
18/02/23