



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/61

Date : 02.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Piraila Mafi Hasimpara, Block – Gaindas Bujurg
District - Balrampur

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : ~~170~~ mbgl

Date of Logging : 02.01.23

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)	Probable Lithology	Remarks	R_{mf} & R_w
1	20 – 25	5	Fine to medium sand	Good	$R_{mf} = 26.1 \Omega m$ $R_w = 27.2 \Omega m$
2	47 – 56	9	Fine to medium sand	Good	
3	65 – 72	7	Fine to medium sand	Good	
4	80 – 85	5	Fine to medium sand	Good	
5	90 – 96	6	Fine to medium sand	Good	
6	102 – 106	4	Fine to medium sand	Good	
7	122 – 130	8	Fine to medium sand	Good	
8	151 – 157	6	Fine to medium sand	Good	

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

Verified as per logs provided.
G.S.
03/01/23

Drish

(*G.S.* Singh)
Geophysicist