



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/31

Date : 25.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Madhavbheek, Block – Rehra Bazar  
District - Balrampur

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : ~~170~~ mbgl

Date of Logging : 25.11.22

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	32 – 35	3	Fine to medium sand	Good	<del><math>R_{mf} = 24 \Omega m</math></del>
<del>2</del>	45 – 63	18	Fine to medium sand, mixed kankar	Good	<del><math>R_w = 26 \Omega m</math></del>
<del>3</del>	74 – 78	4	Fine to medium sand	Good	
<del>4</del>	85 – 95	10	Fine to medium sand	Good	
<del>5</del>	102 – 106	4	Fine to medium sand	Good	
<del>6</del>	113 – 118	5	Fine to medium sand	Good	
<del>7</del>	123 – 130	7	Fine to medium sand	Good	
<del>8</del>	137 – 142	5	Fine to medium sand	Good	
<del>9</del>	145 – 154	9	Fine to medium sand, kankar mixed		

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

*Verified as per logs provided.  
Note: Sr No 9 have bands of finer sediments.*

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