



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/25

Date : 17.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village -Sathi, Block - Gaisandi, District - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~270~~ mbgl

Date of Logging : 17.11.22

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	27 - 30	3	Fine to medium sand	Good	$R_{mf} = 31 \Omega m$ $R_w = 33 \Omega m$
<del>2</del>	42 - 46	4	Fine to medium sand	Good	
<del>3</del>	84 - 87	3	Fine to medium sand	Good	
<del>4</del>	95 - 104	9	Fine to medium sand	Good	
<del>5</del>	137 - 143	6	Fine to medium sand	Good	
<del>6</del>	170 - 178	8	Fine to medium sand	Good	
<del>7</del>	211 - 216	5	Fine to medium sand	Good	
<del>8</del>	223 - 226	3	Fine to medium sand	Good	
<del>9</del>	259 - 264	5	Fine to medium sand	Good	

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

C C: M/S L & T Balrampur

Verified as per logs provided.  
Note. Sr No 8 may consider as 224-228 (4m).

4.5/11/22  
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