



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/92

Date : 30.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Chithiwa , Block – Gaisandi
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~255~~ mbgl

Date of Logging : 30.01.23

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	25 – 40	15	Fine to medium sand	Good	$R_{mf} = 22.3 \Omega m$
2	60 – 66	6	Fine to medium sand	Good	$R_w = 24.9 \Omega m$
3	81 – 92	11	Fine to medium sand	Good	
4	124 – 138	14	Fine to medium sand	Good	
5	143 – 151	8	Fine to medium sand	Good	
6	160 – 186	26	Fine to medium sand, kankar intermixed	Good	
7	213 – 219	6	Fine to medium sand	Good	
8	229 – 240	11	Fine to medium sand	Good	

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

Verified as per logs provided.
G.S.G.
31/01/23



(A.K. Singh)
Geophysicist