



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/213

Date : 02.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Khagaijot, Block – Balrampur
District - Balrampur

Drilling Depth : 172 mbgl as Reported by Driller

Logged Depth : ~~170 mbgl~~

Date of Logging : 02.05.23

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)	Types of strata	R_{mf} & R_w
1	20 – 32	12	Good, Fine to medium sand	$R_{mf} = 23.9 \Omega m$
2	35 – 44	9	Good, Fine to medium sand	$R_w = 25 \Omega m$
3	55 – 63	8	Good, Fine to medium sand	
4	68 – 72	4	Good, Fine to medium sand	
5	81 – 85	4	Good, Fine to medium sand	
6	105 – 110	5	Good, Fine to medium sand	
7	125 – 135	10	Good, Fine to medium sand	
8	140 – 148	8	Good, Fine to medium sand	
9	158 – 162	4	Good, Fine to medium sand	
10	167 – 170	3	Good, Fine to medium sand	

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

CC : Executive Engineer (E/M Div) U P Jal Nigam (Gramin), Gonda

Verified as per logs provided

*G.S.K.
02/05/23*



(A.K. Singh)
Geophysicist