



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/29

Date : 22.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~167~~ mbgl

Date of Logging : 22.11.22

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	30 – 37	7	Fine to medium sand	Good	$R_{mf} = 28.9 \Omega m$ $R_w = 31.1 \Omega m$
2	47 - 64	17	Fine to medium sand, Kankar mixed	Good	
3	77 – 81	4	Fine to medium sand	Good	
4	95 – 98	3	Fine to medium sand	Good	
5	113 – 120	7	Fine to medium sand, Kankar mixed	Good	
6	137 – 143	6	Fine to medium sand	Good	
7	148 – 151	3	Fine to medium sand	Good	
8	159 – 163	4	Fine to medium sand, Kankar mixed	Good	

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

*Verified as per logs provided.
Note Sr No 6 may consider as 139-143 (4m).*

G. S.
ASSISTANT HYDROGEOLOGIST
23/11/22 (E/M)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

Drink

(*G. S.*)
Geophysicist