



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/137

Date : 01.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mahila, Block - Utraula
Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 ~~mbgl~~

Date of Logging : 01.03.23

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)	Types of strata	R _{mf} & R _w
1	25 – 32	7	Good, Fine to medium sand	R _{mf} = 30.5 Ωm R _w = 32 Ωm
2	37 – 51	14	Good, Fine to medium sand, kankar intermixed	
3	60 – 67	7	Good, Fine to medium sand	
4	75 – 82	7	Good, Fine to medium sand	
5	87 – 95	8	Good, Fine to medium sand	
6	97 – 102	5	Good, Fine to medium sand	
7	114 – 123	9	Good, Fine to medium sand	
8	127 – 135	8	Good, Fine to medium sand	
9	138 – 143	5	Good, Fine to medium sand	

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

Verified as per logs provided.
GIC
02/03/23

A.K. Singh

(A.K. Singh)
Geophysicist