



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/59

Date : 28.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Achalpur Roop, Block – Rehra Bazar
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~167~~ mbgl

Date of Logging : 28.12.22

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	25 – 35	10	Fine to medium sand	Good	R_{mf} = 245Ωm
2	41 – 60	9	Fine to medium sand	Good	R_w = 26.1 Ωm
3	75 – 87	12	Fine to medium sand	Good	
4	93 – 102	9	Fine to medium sand	Good	
5	110 – 116	6	Fine to medium sand	Good	
6	124 – 128	4	Fine to medium sand	Good	
7	135 – 152	17	Fine to medium sand	Good	

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

*Verified as per logs provided
Note - S₁ No 7-135-142 (7m)
and 147-152 (5m)
G. Sh
30/12/22*

Arink

(A.K. Singh)
Geophysicist