



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/123

Date : 06.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Nathaupur Kanungo, Block – Rehra Bazar
Distt. – Balrampur

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : ~~173 mbgl~~

Date of Logging : 06.03.23

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	27 – 34	7	Good, Fine to medium sand	R _{mf} = 26.6 Ωm R _w = 28.3 Ωm
2	43 – 65	22	Good, Fine to medium sand, kankar mixed	
3	72 – 87	15	Good, Fine to medium sand, kankar mixed	
4	90 – 100	10	Good, Fine to medium sand	
5	130 – 134	4	Good, Fine sand	
6	145 – 152	7	Good, Fine to medium sand	
7	164 – 170	6	Good, Fine to medium sand	

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

Verified as per logs provided.
Note - Sr No 2 - 45-55 (10m)
and 60-64 (4m)
Sr No 5 and 6 are finer in nature.
G.Sh



(A.K. Singh)
Geophysicist