



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/366

Date : 26.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sukhrampur, Block – Tulsipur
Distt - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 265 mbgl

Date of Logging : 26.10.23

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)	Thicknes ss (m)	Types of strara	R _{mf} & R _w
1	66 - 85	19	Good, Fine to medium sand	R _{mf} = 24.1 Ωm R _w = 25.3 Ωm
2	95 – 102	7	Good, Fine to medium sand	
3	106 – 115	9	Good, Fine to medium sand	
4	125 – 142	17	Good, Fine to medium sand	
5	165 – 168	3	Good, Fine to medium sand	
6	179 – 185	6	Good, Fine to medium sand	
7	195 – 204	9	Good, Fine to medium sand	
8	210 – 234	24	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 234 mbgl to till depth logged.

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

Drink

(*R.K. Singh*)
Geophysicist