



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/99

Date : 05.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Motipur Kalan, Block – Harriya Satgharwa
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~265~~ mbgl

Date of Logging : 05.02.23

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	51 – 60	9	Good, Fine to medium sand	R_{mf} = 23.3 Ωm
2	85 – 90	5	Good, Fine to medium sand	R_w = 25.1 Ωm
3	102 – 106	4	Good, Fine to medium sand	
4	121 – 125	4	Good, Fine to medium sand	
5	142 – 160	18	Good, Fine to medium sand	
6	167 – 177	10	Good, Fine to medium sand	
7	185 – 193	8	Good, Fine to medium sand	
8	214 – 223	9	Good, Fine to medium sand	
9	227 – 242	15	Good, Fine to medium sand	

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

*Verified as per logs provided.
Note - Sr No 1 - Highly Kankar intermixed.
Sr No 7 - 105 - 198 (13m)*

*G.K.S.
06/02/23*



(A.K. Singh)
Geophysicist