



(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/267

Date : 19.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Basantpur. Block – Harraiya Satgharwa
District - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : ~~275 mbgl~~

Date of Logging : 19.06.23

Types of Log : ~~S.P.~~ & Resistivity (Normal & Lateral)

Logger Used : ~~Upton~~

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	34 – 39	5	Good, Fine to medium sand	R _{mf} = 22.1 Ωm
2	65 – 83	18	Good, Fine to medium sand	R _w = 24.8 Ωm
3	92 – 101	9	Good, Fine to medium sand	
4	111 – 117	6	Good, Fine to medium sand	
5	126 – 134	8	Good, Fine to medium sand	
6	137 – 146	9	Good, Fine to medium sand	
7	169 – 177	8	Good, Fine to medium sand	
8	189 – 192	3	Good, Fine to medium sand	
9	195 – 200	5	Good, Fine to medium sand	
10	212 – 222	10	Good, Fine to medium sand	
11	232 – 247	15	Good, Fine to medium sand	
12	259 – 272	13	Good, Fine to medium sand <i>— highly k.i.</i>	

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

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

Verified as per logs provided

*G.Sh
20/06/23*

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