



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/168

Date : 29.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Singhpur, Block – Harraiya Satgharwa
District - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 260 ~~mbgl~~

Date of Logging : 29.03.23

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	40 – 52	12	Good, Fine to medium sand, kankar intermixed	R_{mf} = 19.1 Ωm
2	67 – 74	7	Good, Fine to medium sand	R_w = 19.9 Ωm
3	80 – 87	7	Good, Fine to medium sand	
4	92 – 95	3	Good, Fine to medium sand	
5	97 – 101	4	Good, Fine to medium sand	
6	112 – 115	3	Good, Fine to medium sand	
7	123 – 141	18	Good, Fine to medium sand	
8	152 – 162	10	Good, Fine to medium sand	
9	192 – 205	13	Good, Finer sediments	
10	212 – 222	10	Good, Finer sediments	
11	240 – 245	5	Good, Fine to medium sand	

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

Verified as per logs provided.

G.S.
3/10/23

Anish

(Anish Singh)
Geophysicist