



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/95

Date : 02.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Sarkahwa, Block – Harraiya Satgharwa
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~260~~ mbgl

Date of Logging : 02.02.23

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	27 – 32	5	Good, Fine to medium sand	R_{mf} = 26 Ωm
2	35 – 42	7	Good, Fine to medium sand	R_w = 27.8 Ωm
3	47 – 53	6	Good, Fine to medium sand	
4	62 – 70	8	Good, Fine to medium sand	
5	75 – 88	13	Good, Fine to medium sand, kankar intermixed	
6	95 – 99	4	Good, Fine to medium sand	
7	112 – 118	6	Good, Fine to medium sand	
8	118 – 132	14	Good, Fine to medium sand, highly kankar intermixed	
9	132 – 145	13	Good, Fine to medium sand, kankar intermixed	
10	160 – 177	17	Good, Fine to medium sand, kankar intermixed	
11	194 – 200	6	Good, Fine to medium sand, highly kankar intermixed	
12	203 – 210	7	Good, Fine to medium sand, highly kankar intermixed	
13	213 – 242	29	Good, Fine to medium sand, kankar intermixed	

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

Verified as per logs provided.
GSh
03/02/23

Arink

(A.K. Singh)
Geophysicist