



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/82

Date : 23.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Parsia Gosani Ahlad Nagar, Block – Harriya Satgharwa
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~260~~ mbgl **247 MBGL**

Date of Logging : 23.01.23

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	22 – 28	6	Good, Fine to medium sand	R_{mf} = 23.9 Ωm R_w = 25.4 Ωm
2	38 – 43	5	Good, Fine to medium sand	
3	47 – 50	3	Good, Fine to medium sand	
4	57 – 62	5	Good, Fine to medium sand	
5	68 – 76	8	Good, Fine to medium sand	
6	85 – 88	3	Good, Fine to medium sand	
7	92 – 95	3	Good, Fine to medium sand	
8	107 – 115	8	Good, Fine to medium sand	
9	117 – 125	8	Good, Fine to medium sand	
10	136 – 153	17	Good, Fine to medium sand	
11	175 – 182	7	Good, Fine to medium sand	
12	208 – 217	9	Good, Fine to medium sand	
13	230 – 245	15	Good, Fine to medium sand	

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

Verified as per logs provided.
GIC
24/07/23

Dr. Singh

(A.K. Singh)
Geophysicist