



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JIM/ Balrampura/74

Date : 15.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~260~~ mbgl *253*

Date of Logging : 15.01.23


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	32 – 42	10	Good, Fine to medium sand	R_{mf} = 38.1 Ωm R_w = 40.2 Ωm
2	46 – 52	6	Good, Fine to medium sand	
3	56 – 59	3	Good, Fine to medium sand	
4	63 – 73	10	Good, Fine to medium sand	
5	76 – 83	7	Good, Fine to medium sand	
6	95 – 100	5	Good, Fine to medium sand	
7	107 – 115	8	Good, Fine to medium sand	
8	120 – 125	5	Good, Fine to medium sand	
9	130 – 142	12	Good, Fine to medium sand	
10	156 – 162	6	Good, Fine to medium sand	
11	170 – 175	5	Good, Fine to medium sand	
12	177 – 183	6	Good, Fine to medium sand	
13	195 – 200	5	Good, Fine to medium sand	
14	220 – 253	33	Good, Fine to medium sand	

Remark : ~~Almost all zones are intermixed with fine bands of kankar~~
Verified as per logs provided.
Note - Sr No 7 - have bands of finer sediments -
- Sr No 11 - 170-174 (4m)
GSh
16/01/23



(G. K. Singh)
Geophysicist