



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/319

Date : 19.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village -Lakhanipur, Block - Harraiya satgharwa
Distt. - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 272 mbgl

Date of Logging : 19.08.23

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 strara	R _{mf} & R _w
1	42 - 48	6	Good, Fine to medium sand	R _{mf} - 22 Ωm R _w - 23 Ωm
2	65 - 68	3	Good, Fine to medium sand	
3	105 - 111	6	Good, Fine to medium sand	
4	128 - 131	3	Good, Fine to medium sand	
5	155 - 160	5	Good, Fine to medium sand	
6	175 - 180	5	Good, Fine to medium sand	
7	183 - 193	10	Good, Fine to medium sand	
8	203 - 208	5	Good, Fine to medium sand	
9	212 - 216	4	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered belw 216 mbgl to till depth logged.

CC:

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