



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Balrampur/42

Date : 09.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Materia, Block – Harriya Satgharwa
District - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : ~~275~~ mbgl

Date of Logging : 09.12.22

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)	Probable Lithology	Remarks	R_{mf} & R_w
1	33 – 37	4	Fine to medium sand	Good	$R_{mf} = 21.4 \Omega m$ $R_w = 23.2 \Omega m$
2	61 – 65	4	Fine to medium sand	Good	
3	75 – 82	7	Fine to medium sand	Good	
4	105 – 115	10	Fine to medium sand	Good	
5	147 – 154	7	Fine to medium sand	Good	
6	196 – 200	4	Fine to medium sand	Good	
7	230 – 242	120	Fine to medium sand	Good	

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

Verified as per logs provided
Note:- Sr No 3-76-83
(7m)
GSh
12/14/22



(A.K. Singh)
Geophysicist