



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/41

Date : 05.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : ~~275 mbgl~~

Date of Logging : 05.12.22

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	29 – 33	4	Fine to medium sand	Good	$R_{mf} = 21.4 \Omega m$ $R_w = 23.2 \Omega m$
2	50 – 56	6	Fine to medium sand	Good	
3	70 – 82	12	Fine to medium sand	Good	
4	115 – 121	6	Fine to medium sand	Good	
5	139 – 145	6	Fine to medium sand	Good	
6	175 – 181	6	Fine to medium sand	Good	
7	214 – 220	6	Fine to medium sand	Good	
8	232 – 245	13	Fine to medium sand	Good	

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

Verified as per logs provided.
↓
G.Sh
06/12/22



(A.K. Singh)
Geophysicist