



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/19

Date : 02.10.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Balpur, Block – Balrampur, District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 167 mbgl

Date of Logging : 02.10.22

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)	Probable Lithology	Remarks	R_{mf} & R_w
1	37 – 44	7	Fine to medium sand, Highly kankar mixed	Good	$R_{mf} = 29 \Omega m$ $R_w = 31 \Omega m$
2	47 – 54	7	Fine to medium sand, Highly kankar mixed	Good	
3	77 – 81	4	Fine to medium sand	Good	
4	83 – 87	4	Fine to medium sand	Good	
5	98 – 101	3	Fine to medium sand	Good	
6	109 – 116	7	Fine to medium sand	Good	
7	120 – 131	11	Fine to medium sand	Good	
8	135 – 143	8	Fine to medium sand	Good	

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

C C: M/S L & T Balrampur

Verified as per logs provided.
G.S.
02/10/22



(A.K. Singh)
Geophysicist