



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Barabanki/136

Date : 07.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location

Vill - Arsanda & Khutauli, Block - Pure Dalai
District - Barabanki

Drilling Depth : 170 mbgl
Logged Depth : 155 mbgl
Date of Logging : 07.06.23
Types of Log : S.P. & Resistivity (Normal & Lateral)
Logger Used : Upson

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	40 - 53 43	13 3	Good	$R_{mf} = 23.4 \Omega m$ $R_w = 24.7 \Omega m$
2	50 - 58	8	Good	
3	64 - 75	11	Good	
4	80 - 87	7	Good	
5	95 - 100 99	5 4	Good	
6	110 - 124	14	Good - Kankar I.	
7	127 - 130	3	Good	
8	144 - 148	4	Good - Kankar I.	

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

C C :

- Executive Engineer (E/M Div.) U P Jal Nigam (Gramin), Ayodhya

Verified as per
logs provided

GSh
08/06/23


(A.K. Singh)
Geophysicist