



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Ayodhya/168

Date : 04.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Bera, Block – Maya Bazar
Drilling Depth : 170 mbgl as Reported by Driller
Logged Depth : 165 mbgl
Date of Logging : 04.02.23
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)	Types of strata	R _{mf} & R _w
1	31 – 14	14	Good	R _{mf} = 22.1 Ωm R _w = 23.4 Ωm
2	64 – 67	3	Good	
3	76 – 80	4	Good	
4	85 – 107	22	Good, Intermixed fine bands of kankar	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 107 mbgl.

CC : VSAIPPL-SCL Ayodhya



(A.K. Singh)
Geophysicist

Proposed Tubewell Assembly chart of **Beta**

W/S Scheme Block - **Maya Bazar**

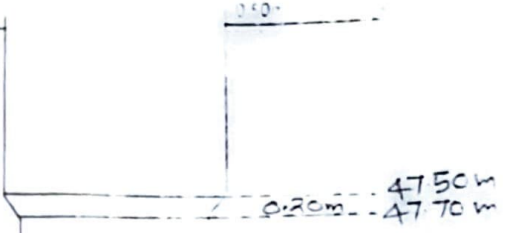
District - **AYODHYA**

Lowering **165/150 m** Bore Size **500X450 mm**
 T.W. Asse. Size - **200X150 mm** Recommended Discharge **200**
 S.W.L. - D.O.L. -
 S.P. **24 m** H.P. - **48 m**

Logging Report - **04/02/23 G**

1 31 - 45 ⇒ 14
 2 64 - 67 ⇒ 03
 3 76 - 80 ⇒ 04
 4 85 - 107 ⇒ 22

1
2
3
4
5
6
7
8
9
10
11
12
13
14



600m
 112.00m
 AGIL (+) 0.50m
 Total ⇒ 112.50m

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Approved by
 (M. and M. Sec.)
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