



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/ Ayodhya/139

Date: 17.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Wahiuddinpur, Block - Bikapur
Distt. - Ayodhya

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : ~~150~~ mbgl

Date of Logging : 17.01.23

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)	Types of strata	R_{mf} & R_w
1	26 - 30	4	Good	$R_{mf} = 23.9 \Omega m$
2	37 - 43	6	Good	$R_w = 25.1 \Omega m$
3	48 - 56	8	Good	
4	63 - 76	13	Good, Intermixed fine bands of kankar	
5	80 - 91	11	Good, Intermixed fine bands of kankar	
6	96 - 103	7	Good, Intermixed fine bands of kankar	
7	110 - 113	3	Good	
8	120 - 123	3	Good	
9	127 - 135	8	Good, Intermixed fine bands of kankar	

Remark : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones has encountered below 135 mbgl.~~

CC : M/S VTL - GAJA (JV)

Verified as per
logs provided
Note - Sr No 5 - 85-91
(6m)
GSh
18/01/23



(A.K. Singh)
Geophysicist

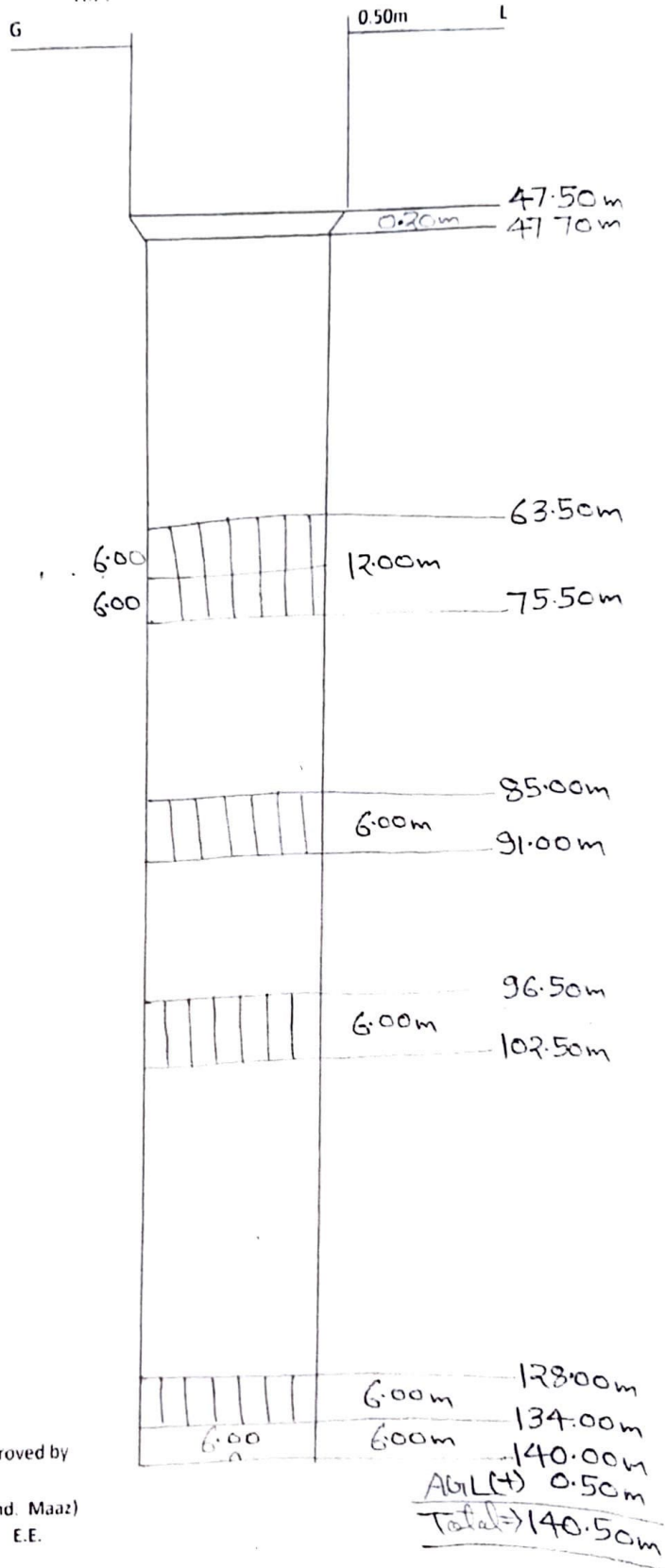
Graja - Phase - III

Proposed Tubewell Assembly chart of Wahiduddinpur W/S Scheme Block - Bikapur
 District - A/CO/PHVA

Drilling/Lowering - 165/150 m Bore Size - 600 X 450 mm LPM
 T.W. Asse. Size - 300 X 150 mm Recommended Discharge - 700
 S.W.L. - D.O.L. -
 S.P. - 30m H.P. - 48m

Logging Report - 17/01/23

- 1- 26 - 30 ⇒ 04
- 2- 37 - 43 ⇒ 06
- 3- 48 - 56 ⇒ 08
- 4- 63 - 76 ⇒ 13
- 5- 85 - 91 ⇒ 06
- 6- 96 - 103 ⇒ 07
- 7- 110 - 113 ⇒ 03
- 8- 120 - 123 ⇒ 03
- 9- 127 - 135 ⇒ 08
- 10-
- 11-
- 12-



Prepared by

(Sampuranandi)
A.E.

Approved by

(Mohd. Maaz)
E.E.