



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

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

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/291

Date : 20.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Shiva Nagar, Block – Tulsipur
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 255 mbgl

Date of Logging : 20.07.23

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	48 – 55	7	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$ $R_w = 27 \Omega m$
2	75 – 83	8	Good, Fine to medium sand	
3	93 – 101	8	Good, Fine to medium sand	
4	115 – 127	12	Good, Fine to medium sand	
5	147 – 153	6	Good, Fine to medium sand	
6	163 – 170	7	Good, Fine to medium sand	
7	188 – 197	9	Good, Fine to medium sand	
8	207 – 213	6	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 213 mbgl to till depth logged,

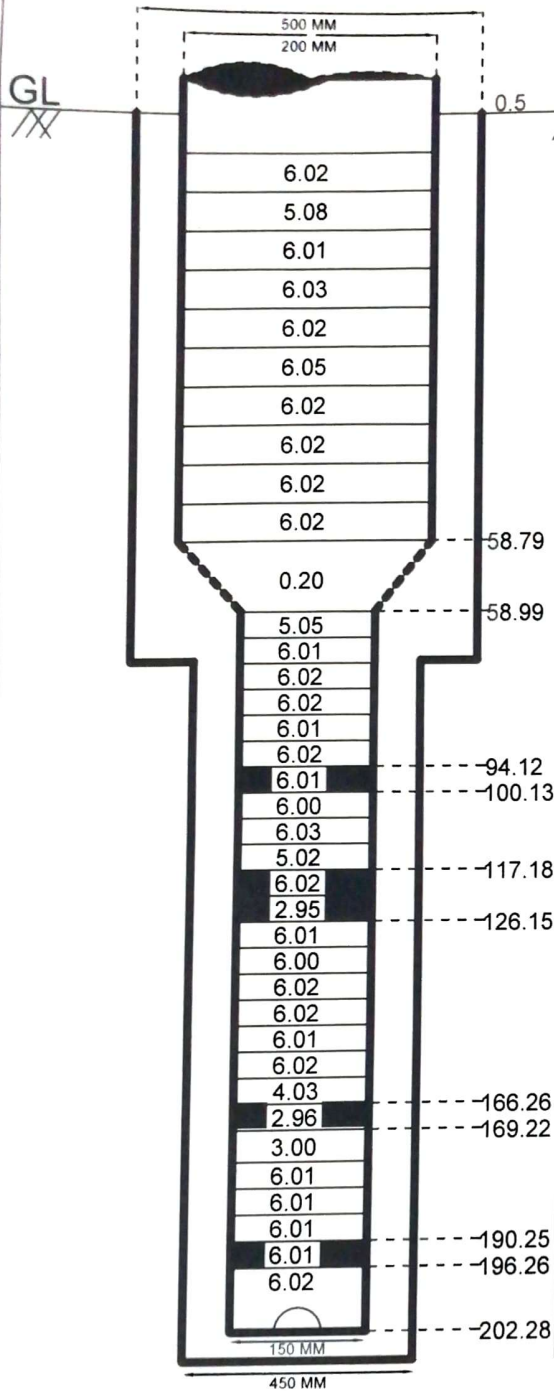
CC: Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

Abhay Tiwari
JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

(A.J. Singh)
Geophysicist

Dara Eco-Protection (JV)

Strata Chart & Actual T/W Assembly of Size 200x150 mm Ø of G.P-Shiva Nagar, Block tulsipur.



1	Bore Size	=	500x450 MM
2	Assembly Size	=	200x150 MM
3	Drilling Depth	=	275 MTR
4	Logging Depth	=	255 MTR
5	Date of Logging	=	20-07-2023
6	Date of Lowering	=	23-07-2023
7	Required Discharge	=	580 LPM

Logging Report

S. N.	Depth Range (M bgl)	Thickness (MTR)	Reamarks
1	48-55	7	GOOD ALL
2	75-83	8	
3	93-101	8	
4	115-127	12	
5	147-153	6	
6	163-170	7	
7	188-197	9	
8	207-213	6	

S. N.	Description	Lenght (MTR)	Reamarks
1	200 MM Ø HOUSING PIPE	59.29	
2	150 MM Ø PLANE PIPE	119.34	
3	150 MM Ø SLOTTED PIPE	23.95	
4	200X150 MM REDUCER	0.2	
	TOTAL ASSEMBLY	202.78	
	LESS A G L	0.5	
	B G L	202.28	

Prepared by

DARA Eco-Protection (JV)
Contractor

Checked by

Er. Abhay Kumar Tiwari
Junior Engineer

DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

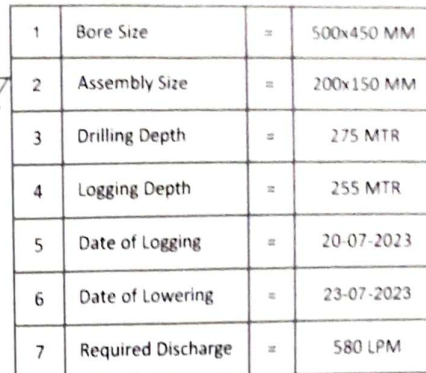
Recommended by

Er. Sudhir Pandey (S.W.S.M.)
Assistant Engineer

Approved by

Er. Suleman Khan
Executive Engineer

Proposed T/W Assembly of Size 200x150 mm Ø of G.P-Shiva Nagar, Block tulsipur.



S. N.	Depth Range (M bgl)	Thickness (MTR)	Remarks
1	48-55	7	GOOD ALL
2	75-83	8	
3	93-101	8	
4	115-127	12	
5	147-153	6	
6	163-170	7	
7	188-197	9	
8	207-213	6	

TPI / PMS / UPJN