



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

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

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/IIM/ Balrampur/249

Date : 03.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Sahab Nagar, Block - Tulsipur
Distt. - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 03.06.23

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	35 - 42	7	Good. Fine to medium sand	R _{mf} = 21.2 Ωm R _w = 23 Ωm
2	57 - 60	3	Good. Fine to medium sand	
3	64 - 70	6	Good. Fine to medium sand	
4	75 - 82	7	Good. Fine to medium sand	
5	112 - 118	6	Good. Fine to medium sand	
6	124 - 127	3	Good. Fine to medium sand	
7	134 - 145	11	Good. Fine to medium sand	
8	150 - 153	3	Good. Fine to medium sand	
9	160 - 165	5	Good. Fine to medium sand	
10	167 - 173	6	Good. Fine to medium sand	
11	175 - 178	3	Good. Fine to medium sand	
12	201 - 205	4	Good. Fine to medium sand	
13	214 - 222	8	Good. Fine to medium sand	
14	228 - 238	10	Good. Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. Report prepared on the basis of Normal Log.

Verified as per logs provided

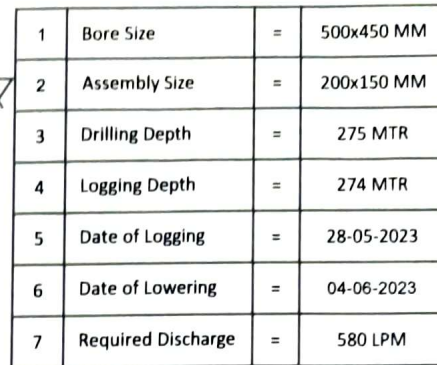
Abhay Tiwari
JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

G.S.
03/06/23

Prashant

(A.K. Singh)
Geophysicist

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

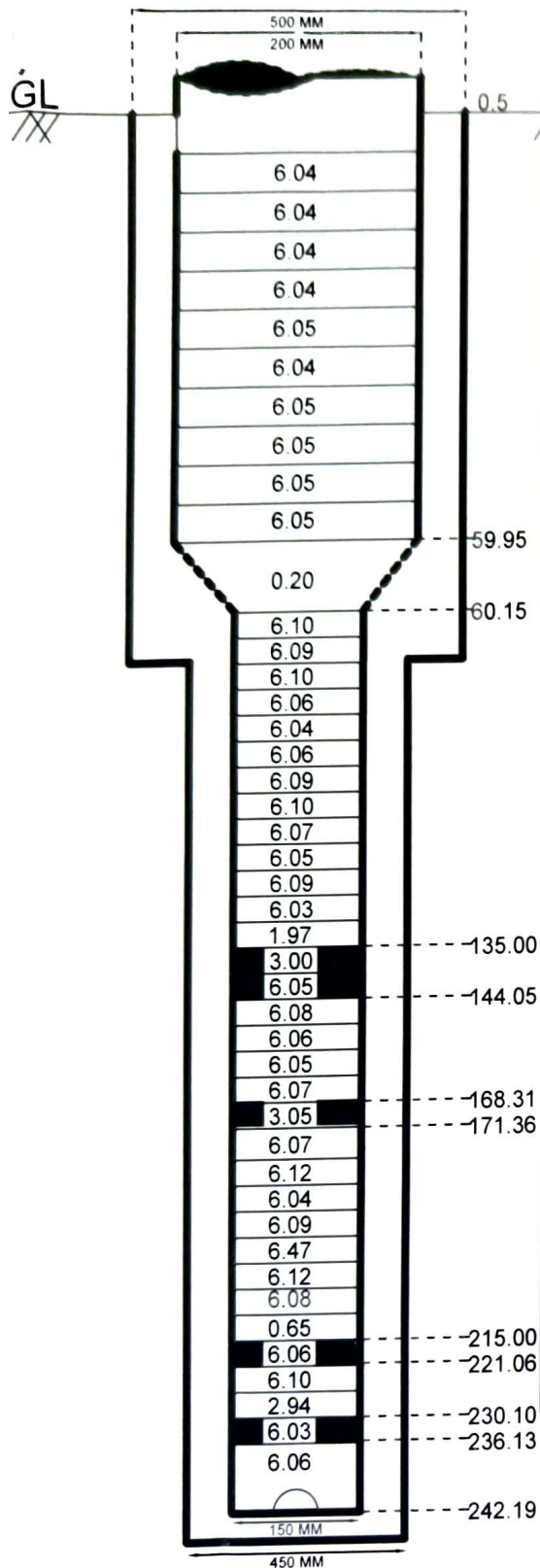


S. N.	Depth Range (M bgl)	Thickness (MTR)	Remarks
1	35-42	7	GOOD ALL
2	57-60	3	
3	64-70	6	
4	75-82	7	
5	112-118	6	
6	124-127	3	
7	134-145	11	
8	150-153	3	
9	160-165	5	
10	167-173	6	
11	175-178	3	
12	201-205	4	
13	214-222	8	
14	228-238	10	

Er. Suleman Khan
Executive Engineer

Dara Eco-Protection (JV)

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



1	Bore Size	=	500x450 MM
2	Assembly Size	=	200x150 MM
3	Drilling Depth	=	275 MTR
4	Logging Depth	=	274 MTR
5	Date of Logging	=	28-05-2023
6	Date of Lowering	=	04-06-2023
7	Required Discharge	=	580 LPM

Logging Report

S. N.	Depth Range (M bgl)	Thickness (MTR)	Reamarks
1	35-42	7	GOOD ALL
2	57-60	3	
3	64-70	6	
4	75-82	7	
5	112-118	6	
6	124-127	3	
7	134-145	11	
8	150-153	3	
9	160-165	5	
10	167-173	6	
11	175-178	3	
12	201-205	4	
13	214-222	8	
14	228-238	10	

S. N.	Description	Lenght (MTR)	Reamarks
1	200 MM Ø HOUSING PIPE	60.45	
2	150 MM Ø PLANE PIPE	157.85	
3	150 MM Ø SLOTTED PIPE	24.14	
4	200X150 MM REDUCER	0.2	
	TOTAL ASSEMBLY	242.69	
	LESS A.G.L	0.5	
	B.G.L	242.19	

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
Assistant Engineer
U.P. JAL NIGAM RURAL GONDA

Approved by

Er. Suleman Khan
Executive Engineer