



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/303

Date : 03.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 03.08.23

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	35 – 42	7	Good, Fine to medium sand	R _{mf} = 21.6 Ωm R _w = 24 Ωm
2	69 – 77	8	Good, Fine to medium sand	
3	85 – 97	12	Good, Fine to medium sand	
4	101 – 106	5	Good, Fine to medium sand	
5	115 – 120	5	Good, Fine to medium sand	
6	135 – 145	10	Good, Fine to medium sand	
7	155 – 165	10	Good, Fine to medium sand	
8	170 – 180	10	Good, Fine to medium sand	
9	185 – 195	10	Good, Fine to medium sand	
10	215 – 222	7	Good, Fine to medium sand	
11	225 – 238	13	Good, Fine to medium sand	
12	242 – 248	6	Good, Fine to medium sand	

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

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

(सुधीर कुमार पाण्डेय)
सहायक अभियन्ता (SWSM) निर्माण खण्ड
उपग्राम जल निगम (ग्रामीण)

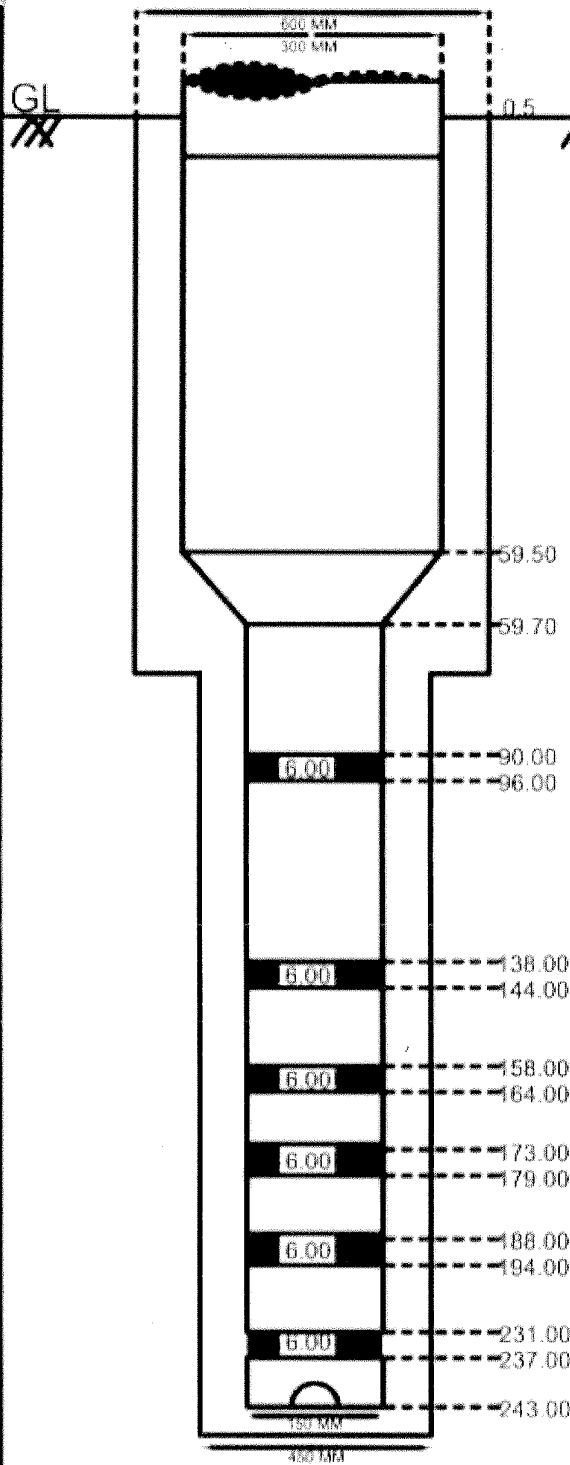
Abhay Tiwari
JUNIOR ENGINEER
DIVISIONAL OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA



(A.K. Singh)
Geophysicist

Dara Eco-Protection (JV)

Proposed T/W Assembly of Size 300x150 mm Ø of G.P.-Jahandeh, Block tulsipur.



1	Bore Size	=	600x450 MM
2	Assembly Size	=	300x150 MM
3	Drilling Depth	=	275 MTR
4	Logging Depth	=	275 MTR
5	Date of Logging	=	03-08-2023
6	Date of Lowering	=	06-08-2023
7	Required Discharge	=	930 LPM

Logging Report

S. N.	Depth Range (M bgl)	Thickness (MTR)	Remarks
1	35-42	7	GOOD ALL
2	69-77	8	
3	85-97	12	
4	101-106	5	
5	115-120	5	
6	135-145	10	
7	155-165	10	
8	170-180	10	
9	185-195	10	
10	215-222	7	
11	225-238	13	
12	242-248	6	

Prepared by

DARA Eco-Protection (JV)
Contractor

Checked by

Er. Abhay Kumar Tiwari
Junior Engineer

Recommended by

Er. Sudhir Pandey
Assistant Engineer

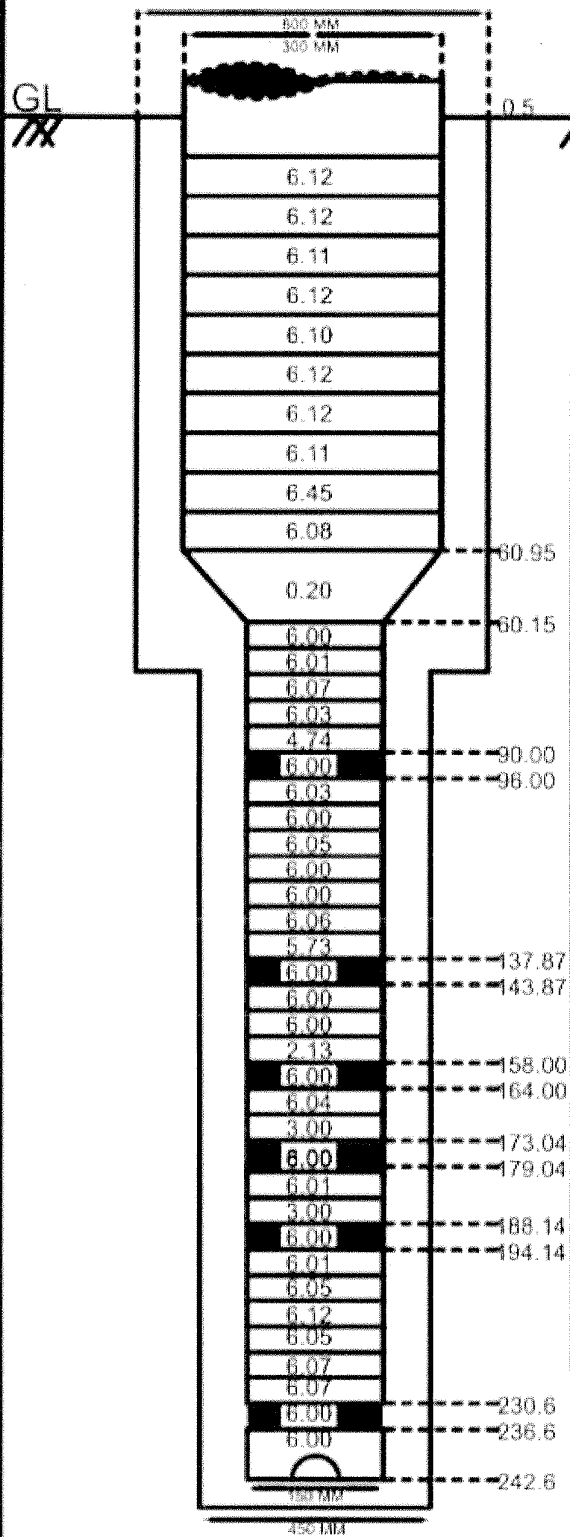
Approved by

Er. Suleman Khan
Executive Engineer

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उत्तर प्रदेश जल निगम (ग्रामीण)

Dara Eco-Protection (JV)

Strata Chart & Actual T/W Assembly of Size 300x150 mm Ø of G.P.-Jahandeh, Block Ialsipur.



1	Bore Size	=	600x450 MM
2	Assembly Size	=	300x150 MM
3	Drilling Depth	=	275 MTR
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S. N.	Description	Length (MTR)	Remarks
1	300 MM Ø HOUSING PIPE	61.45	
2	150 MM Ø PLANE PIPE	145.45	
3	150 MM Ø SLOTTED PIPE	36.00	
4	200X150 MM REDUCER	0.2	
	TOTAL ASSEMBLY	243.1	
	LESS A.G.L	0.6	
	B.G.L	242.60	

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