

OFFICE OF THE EXECUTIVE ENGINEER DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assembly Plan-Kakkepur Urf Bhtijepur, BLOCK-Mahrajnaji JIM-PKG-8 -(MON -RO WSS)
Type of Rig Machine- D. C RIG MACHINE Size of Bore - 500 X 450mm, Static W/L-
Contractor Name - M/S HUGEL INFRA PVT. LTD (GOURAV KR. GUPTA) RO WSS PROJECT RAEBARELI

District - Raebareli
LPM-600

DEPTH OF BORE IN M.B.G.L	DEPTH OF STRATA IN M.B.G.L	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY							
500mm	±0.00	+0.50 ±0.00	Ø 200 mm dia Housing	Plain pipe from(AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.
	-6.00	-53.50 -53.70	Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	53.50	MBGL	53.50	M.
			Ø 200 X Ø 150 mm dia	Reducer from	53.50	MBGL to	53.70	MBGL	0.20	M.
			Ø 150 mm dia Plain pipe	Plain Pipe From	53.70	MBGL to	71.00	MBGL	17.30	M.
			Ø 150 mm dia Plain pipe	Slotted pipe from	71.00	MBGL to	83.00	MBGL	12.00	M.
			Ø 150 mm dia Plain pipe	Plain Pipe From	83.00	MBGL to	94.00	MBGL	11.00	M.
			Ø 150 mm dia Plain pipe	Slotted pipe from	94.00	MBGL to	100.00	MBGL	6.00	M.
			Ø 150 mm dia Plain pipe	Plain Pipe From	100.00	MBGL to	123.00	MBGL	23.00	M.
			Ø 150 mm dia Plain pipe	Slotted pipe from	123.00	MBGL to	129.00	MBGL	6.00	M.
			Ø 150 mm dia Plain pipe	Plain Pipe From	129.00	MBGL to	135.00	MBGL	6.00	M.
Total Assembly (AGL + BGL) - 135.50 M.										

ABSTRACT	
1. Drilling Started on Dated -	12.01.2024
2. Drilling Completed on Dated -	27.01.2024
3. Drilling Depth -	500 mm Dia 60.00 M
	450 mm Dia 205.00 M
	Total- 265.00 M
4. Assembly lowered on Dated -	29.01.2024
5. Assembly Lowered -	
(A) Housing pipe 200 mm dia(AGL) -	0.50 M
(B) Housing pipe(Plain)200 mm dia(BGL) -	53.50 M
(C) Slotted pipe 200 mm dia -	0.00 M
(D) Reducer (200 mmX 150 dia) -	0.20 M
(E) Slotted pipe 150 mm dia -	24.00 M
(F) Plain pipe 150 mm dia -	57.30 M
Total assembly-	135.50 M
7. Yield Test Date of T/w -	N/A
8. Recommended Discharge-	N/A
9. Pea-Gravel -	31.57 CUM
10. MS Ring 200mm- 08 NOS.	11. MS Ring 150mm- 13 NOS
12. MS Bail Plug 150mm- 1 NOS	
13. Reducer 200x150mm- 1 NOS.	
14. MSSl Clamp 200mm -1 NOS	15.TW Assembly Support- 200mm -1 NOS
16.MS Well Cap-200mm-1NOS	
17.Center Guide-150mm-4 NOS	
LOGGING REPORT (Ground water Investigation Center)	
REF: GIC/JIM/Raebareli/256	
Depth Logged-265 mbgl	Date of Logging-25-01-2024

Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	30-35	5	Good
2	37-43	6	Good
3	45-50	5	Good
4	60-84	24	Good
5	90-101	11	Good
6	122-130	8	Good

Note:- 1. Formation water quality is deteriorating marginal to saline below 142 mbgl to till depth logged.

Manager (G.W.)

Prepared & Proposed By

M/S HUGEL INFRA PVT. LTD,
PROJECT (RO WSS-Raebareli)

Checked By

TPIA
(CEINSYS)

Recommended By

Assistant Engineer
(UPJN)

Approved By

Executive Engineer
(UPJN)

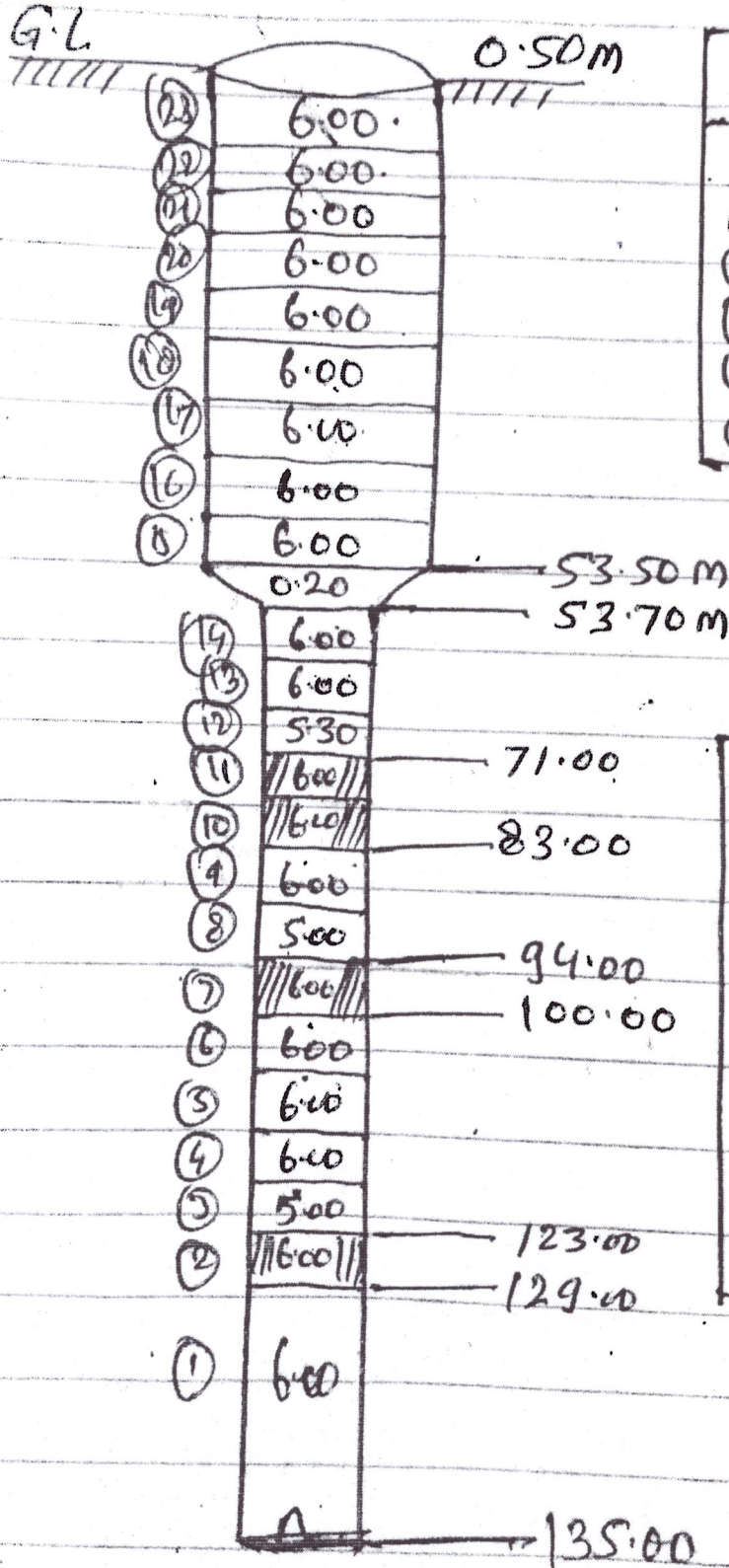
Junior Engineer
(UPJN)

Proposed Assembly chart kakkepur

Discharges - 600 LPM T/w size = 200x150 mm

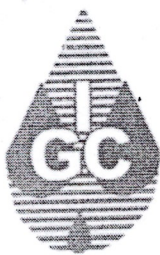
560 LPM

Dates -



Logging Report	
①	30-35 = 5
②	37-43 = 6
③	45-50 = 5
④	60-84 = 14
⑤	90-101 = 11
⑥	122-130 = 8

200mm plain	= 54.00
150mm plain	= 57.30
150mm slotted	= 24.00
200x150 Reducer	= 0.20
AGL	= 135.50
	0.50
Lowered Asst	= 135.00



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/ Raebareli/256

Date: 25.01.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kakkerpur Urf Bhatijepur, Block – Mahrajganj
District - Raebareli
Latitude – 26.454508⁰, **Longitude** – 81.3030053⁰

Drilling Depth : 270 mbgl as reported by Driller

Logged Depth : 265 mbgl

Date of Logging : 25.01.24

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	30 – 35	5	Good	R _{mf} = 20.1 Ωm R _w = 21.7 Ωm
2	37 – 43	6	Good	
3	45 – 50	5	Good	
4	60 – 84	24	Good	
5	90 – 101	11	Good	
6	122 – 130	8	Good	

Remark : Formation water quality is deteriorating marginal to saline below 142 mbgl to Till depth logged.

C C : Hugel Infra Private Limited..





**JAL JEEVAN MISSION
UTTAR PRADESH JAL NIGAM
GOVT. OF UTTAR PRADESH**

Project Name: JAL JEEVAN MISSION
Name of Implementing Agency: U.P. Jal Nigam (Rural), Raebareilly
Name of TPI Agency:
Name of Contractor: Hugel Infra Pvt Ltd.

Request for Inspection (RFI)

RFI No.: JJM/RBL/Scheme Name/ Hugel/Grection/0055 Date: 23/01/2024

Inspection Requested for :-

(Please ✓)

1. Survey & Investigation
2. Reinforcement & Form Work
3. Procure Item Inspection
4. Sampling
5. Pipe Line
6. Tube Well ✓
7. Boundary Wall
8. Staff Quarter
9. Pump House
10. Over Head Tank
11. Miscellaneous

Description of Work: - Electro Logging
Items of Work: -
Work Description: - Inspection for electro logging
Checking for: - Inspection
Schedule / Programme: - From Date: - 24/01/2024
Scheme: - Rakkepur orf Bhatwepur
PKG: - 08

Requested by: - Krishna Rathod
Name & Signature: -
Date / Time: 23/01/2024 (07:20 PM)

Received by: - Pankey
Name & Signature: -
From TPIA/UPIN:
Date/Time:

S.No.	Item Description	Quantity	UOM	Inspection Category (Process/Final Stage)	Remarks
1.	Electro logging	265.00	M	Completed	

Tick "3" to Indicate

Approval for work/ Commencement of Work

Remedial work but no further approval required

Remedial work as below but Re-inspection as below & approval Required

Comments if any:

Sign: Pankey
Name: Pankey Dwivedi
Date: 30-01-2024
TPI: -

Sign:
Name:
Date:
UPIN: -

Sign:
Name:
Date: 23/1/2024



**JAL JEEVAN MISSION
UTTAR PRADESH JAL NIGAM
GOVT. OF UTTAR PRADESH**

Project Name : JAL JEEVAN MISSION
Name of Implementing Agency : U.P. Jal Nigam (Rural), Raebareli
Name of TPI Agency :
Name of Contractor : Hugel Infra put Ltd.

Request for Inspection (RFI)

RFI No : JJM/RBL/Scheme Name/ Hugel/Erection/0061 Date - 28/01/2024

Inspection Requested for :-

(Please ✓)

1. Survey & Investigation
2. Reinforcement & Form Work
3. Procure Item Inspection
4. Sampling
5. Pipe Line
6. Tube Well ☒
7. Boundary Wall
8. Staff Quarter
9. Pump House
10. Over Head Tank
11. Miscellaneous

Description of Work : Lowering work Scheme :- Kakkepur off
Items of Work : Inspection for lowering Bhatijapur.
Work Description : Inspection PKG :- 08
Checking for : Inspection
Schedule / Programme : from date:- 29/01/2024

Requested by : Krishna Rathod
Name & Signature : [Signature]
Date / Time : 28/01/2024 (05:59 PM)

Received by : Pankaj
Name & Signature : [Signature]
From TPIA/UPJN :
Date/Time :

S.No.	Item Description	Quantity	UOM	Inspection Category (Process/Final Stage)	Remarks
1.	Lowering work	135.00	M.	Completed	

Tick "3" to Indicate

Approval for work/ Commencement of Work

Remedial work but no further approval required

Remedial work as below but Re-inspection as below & approval Required

Comments if any : i) Pea gravel was not stacked properly at site.
ii) Np Test not performed at site.

Sign : Pankaj Dwivedi
Name : Pankaj Dwivedi
Date : 30-01-2024
TPI :

Sign :
Name :
Date :
UPJN :

Sign : [Signature]
Name :
Date : 28/01/2024
Contractor :



**JAL JEEVAN MISSION
UTTAR PRADESH JAL NIGAM
GOVT. OF UTTAR PRADESH**

Project Name : **JAL JEEVAN MISSION**
Name of Implementing Agency : **U.P. Jal Nigam (Rural), Raebareli.**
Name of TPI Agency :
Name of Contractor : **Hugel Infra Pvt Ltd.**

Request for Inspection (RFI)

RFI No. : **JJM/RBL/Scheme Name/ Hugel /Erection/0042** Date :- **11/01/2024**

Inspection Requested for :-

(Please ✓)

1. Survey & Investigation
2. Reinforcement & Form Work
3. Procure Item Inspection
4. Sampling
5. Pipe Line
6. Tube Well ☒
7. Boundary Wall
8. Staff Quarter
9. Pump House
10. Over Head Tank
11. Miscellaneous

Description of Work : **DC Drilling**
Items of Work :
Work Description : **Inspection for Drilling**
Checking for : **Inspection**
Schedule / Programme : **From date :- 12/01/2024**

Scheme :- **Kakkepur waf Bhatlepur.**
PKA :- **08**

Requested by : **Krishna Rathod**
Name & Signature : **[Signature]**
Date / Time : **11/01/2024 (05:49PM)**

Received by :- **Pankaj Dwivedi**
Name & Signature : **[Signature]**
From TPIA/UPJN :
Date/Time :- **30-01-2024**

S.No.	Item Description	Quantity	UOM	Inspection Category (Process/Final Stage)	Remarks
1.	DC Drilling	265.00	M	Completed	

Tick "3" to Indicate

Approval for work/ Commencement of Work
Remedial work but no further approval required
Remedial work as below but Re-inspection as below & approval Required

Comments if any :

Sign : **Pankaj**
Name : **Pankaj Dwivedi**
Date : **20-01-2024**

Sign :
Name :
Date :

Sign :
Name :
Date :

[Signature]
11/01/2024