

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

Lowered Assembly Plan-Tajuddinpur 1st TW, BLOCK-Maharajan 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-420

DEPTH OF BORE IN M.B.G.L	DEPTH OF STRATA IN M.B.G.L.	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY							
	±0.00	±0.50	Ø 200 mm dia Housing	Plain pipe from(AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.
	-20.00	±0.00	Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	49.00	MBGL	49.00	M.
			Ø 200 mm dia Housing	Slotted pipe from	49.00	MBGL to	53.00	MBGL	4.00	M.
			Ø 200 mm dia Housing	Plain Pipe From	53.00	MBGL to	56.00	MBGL	3.00	M.
	48.50	49.00	Ø 200 X Ø 150 mm dia	Reducer from	56.00	MBGL to	56.20	MBGL	0.20	M.
	-54.00	53.00	Ø 150 mm dia Plain pipe	Plain Pipe From	56.20	MBGL to	59.50	MBGL	3.30	M.
		56.00	Ø 150 mm dia Plain pipe	Slotted pipe from	59.50	MBGL to	65.50	MBGL	6.00	M.
	-59.00	56.20	Ø 150 mm dia Plain pipe	Plain Pipe From	65.50	MBGL to	217.50	MBGL	152.00	M.
		59.50	Ø 150 mm dia Plain pipe	Slotted pipe from	217.50	MBGL to	223.50	MBGL	6.00	M.
	-68.00	65.50	Ø 150 mm dia Plain pipe	Plain Pipe From	223.50	MBGL to	228.00	MBGL	4.50	M.
			Ø 150 mm dia Plain pipe	Slotted pipe from	228.00	MBGL to	232.00	MBGL	4.00	M.
			Ø 150 mm dia Plain pipe	Plain Pipe From	232.00	MBGL to	238.00	MBGL	6.00	M.
	Total Assembly (AGL + BGL) -					238.50				

ABSTRACT			
1. Drilling Started on Dated -	11.01.2024		
2. Drilling Completed on Dated -	25.01.2024		
3. Drilling Depth - 500 mm Dia	62.00 M		
450 mm Dia	196.00 M		
Total-	258.00 M		
4. Assembly lowered on Dated -	27-01-2024		
5. Assembly Lowered -			
(A) Housing pipe 200 mm dia(AGL) -	0.50 M		
(B) Housing pipe(Plain)200 mm dia(BGL) -	52.00 M		
(C) Slotted pipe 200 mm dia -	4.00 M		
(D) Reducer (200 mmX 150 dia) -	0.20 M		
(E) Slotted pipe 150 mm dia -	16.00 M		
(F) Plain pipe 150 mm dia -	165.80 M		
Total assembly-	238.50 M		
7. Yield Test Date of T/w -	N/A		
8. Recommended Discharge-	N/A		
9. Pea-Gravel -	42.45 CUM		
10. MS Ring 200mm- 10 NOS.	11. MS Ring 150mm- 31 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-7 NOS			
LOGGING REPORT (Geo Instruments & Technic's) REF: GIT:UP-23-24:LS:841			
Depth Logged-258 mbgl	Date of Logging-19-01-2024		
Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	20-30	10	Good
2	35-39	4	Good
3	49-53	4	Good
4	59-66	7	Good
5	74-80	6	Moderate
6	217-224	7	Moderate
7	228-232	4	Moderate
8	239-246	7	Moderate to Marginal

Note:- 1. Fine Bands of Kankar are intermixed with almost all the zones.
2. Zones Sl No. 5 is Highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to sline in between 84.0 to 208 m bgl.
4. Predominated clay is present in depth range 208.0 to 215.0 m bgl.
5. The TDS value with Zones Sl. No. 5 is approximate 800 to 1000.
6. The TDS value with Zones Sl. No. 6 & 7 is approximated 600 to 800.
7. Please Ensure pre-monsoon water level before lower the well assembly.

Manager (G.W.)

Prepared & Proposed By

Checked By

Recommended By

Approved By

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

TPIA
(CEINSYS)

Junior Engineer
(UPJN)

Assistant Engineer
(UPJN)

Executive Engineer
(UPJN)

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:23-24:LS: 841

Dated: 20-01-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tajuddinpur
Block: Maharajganj
District: Raebareli
State: Uttar Pradesh
Date of Logging: 19-01-2024
Drilling Depth: 270.0 m bgl
Logging Depth: 258.0 m bgl
Rm – 15.0 Ω m Rw – 16.0 Ω m

Latitude: 26.393714 Longitude: 81.349651

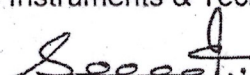
Borehole Drilled by: M/s Hugel Infra Private Limited, Raebareli, U. P.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	20 – 30	10	Good
2.	35 – 39	04	Good
3.	49 – 53	04	Good
4.	59 – 66	07	Good
5.	74 – 80	06	Moderate
6.	217 – 224	07	Moderate
7.	228 – 232	04	Moderate
8.	239 – 246	07	Moderate to Marginal

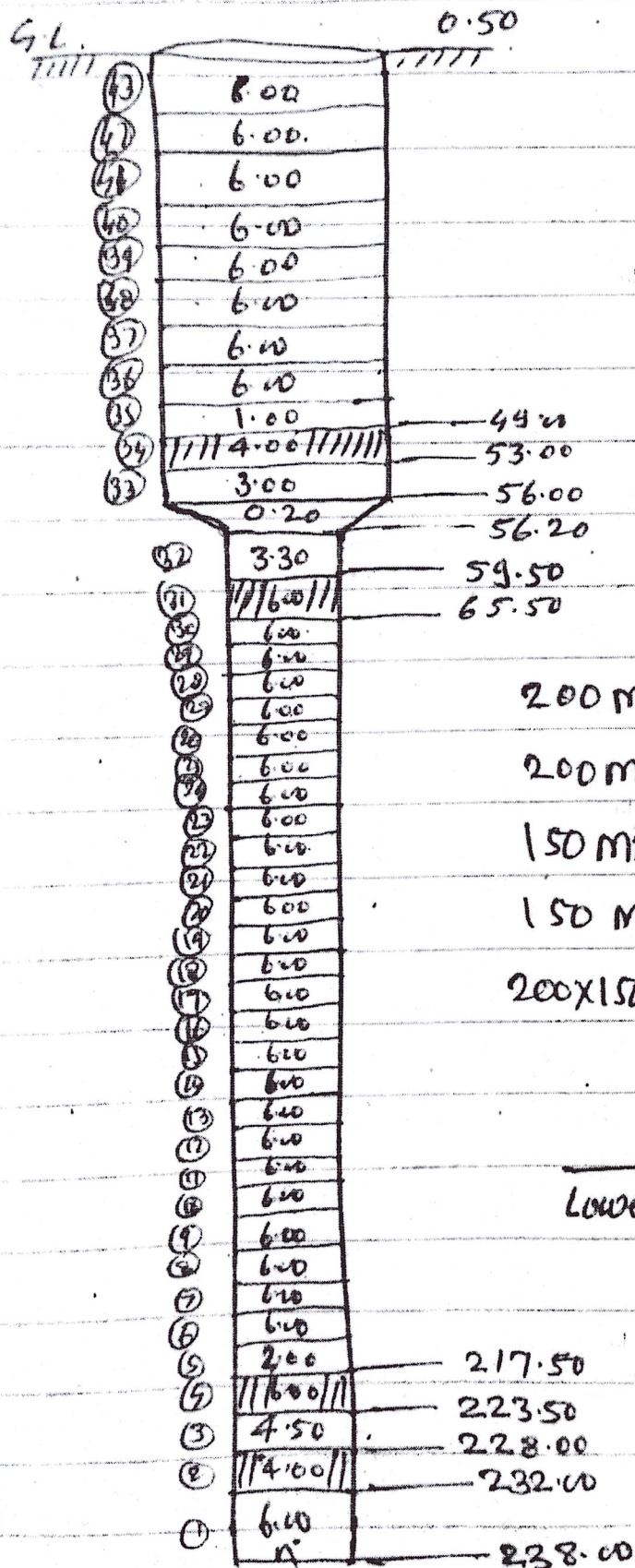
- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 5 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline in between 84.0 to 208 m bgl.
4. Predominated clay is present in depth range 208.0 to 215.0 m bgl.
5. The TDS value with Zone Sl. No. 5 is approximate 800 to 1000.
6. The TDS value with Zone Sl. No. 6 & 7 is approximate 600 to 800.
7. Please ensure pre-monsoon water level before lower the well assembly.

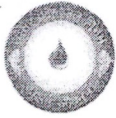
For Geo Instruments & Technic's


(S. Shukla)

Talludipur^{1st} proposed Assembly chart

Discharge :- 400 LPM T/w size :- 200x150 mm





**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 / Grection / 0041 Date :- 10/01/2024

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 :- OC Drilling
Items of Work :-
Work Description :- Inspection for drilling
Checking for :- Inspection
Schedule / Programme :- From Date :- 11/01/2024
Scheme :- Taljundpur 1st 1/2
PKG :- 08

Requested by :- Krishna Rathod
Name & Signature :-
Date / Time :- 10/01/2024

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

S.No.	Item Description	Quantity	UOM	Inspection Category (Process/Final Stage)	Remarks
1.	OC Drilling	258.	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 :
Name : Pankaj Dwivedi
Date : 30-01-2024

Sign :
Name :
Date :

Sign :
Name :
Date :

30/1/24



**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 / 0049 Date :- 18/01/2024

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 Scheme :- Talludipur 1st / 10
Items of Work :-
Work Description :- Inspection for electro logging PKG :- 08
Checking for :- Inspection
Schedule / Programme :- from date :- 19/01/2024

Requested by :- Krishna Rathod
Name & Signature :- [Signature]
Date / Time :- 18/1/2024 (06:58 PM)

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.	<u>Electro logging</u>	<u>258.00</u>	<u>M</u>	<u>Completed</u>	

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

Sign :
Name :
Date :
TPI :

Sign :
Name :
Date :

[Signature]
18/01/24



**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/0059** Date : **26/01/2024**

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 - **Talludinpur 1st/10**
Items of Work :
Work Description : **Inspection for Lowering** PKG 8-08
Checking for : **Inspection**
Schedule / Programme : **from date 27/01/2024**

Requested by : **Krishna Rathod (8329218810)**
Name & Signature : **[Signature]**
Date / Time : **26/01/2024**

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)	Lowering work	238.00	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) Supporting Girder is not as per specification,
ii) Pea gravel was not stacked properly at site**

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

Sign :
Name :
Date :

Sign : **[Signature]**
Name :
Date : **26/1/24**
Contractor :-