

OFFICE OF THE EXECUTIVE ENGINEER

DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assembly Plan-Kunwarmau 2nd T/W, Block-Chhathoj JJM-PKG-9 -(Kunwarmau -RO WSS)
 Type of Rig Machine- D. C RIG MACHINE Size of Bore - 600 X 450mm, Static W/L-
 Contractor Name - M/S HUGEL INFRA PVT. LTD (GOURAV KR. GUPTA) RO WSS PROJECT RAEBARELI

District - Raebareli

LPM- 660

DEPTH OF BORE IN M.B.G.L	DEPTH OF STRATA IN M.B.G.L	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY																																																																																													



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/358

Date: 27.04.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kunwar Mau Tubewell No. 2, Block – Chhatoh
District - Raebareli
Latitude – 26.182071⁰, **Longitude** – 81.539573⁰

Drilling Depth : 355 mbgl as reported by Driller

Logged Depth : 350 mbgl

Date of Logging : 27.04.24

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	40 – 47	7	Good	R _{mf} = 14.4 Ωm R _w = 16.7 Ωm
2	55 – 58	3	Good	
3	269 – 275	6	Moderate	
4	290 – 300	10	Good to moderate	
5	302 – 320	18	Good to moderate	
6	330 – 336	6	Good to moderate	

Remark: Almost all zones are intermixed with fine bands of kankar. Formation water quality is deteriorating marginal to saline below 62 mbgl to 262 mbgl bgl. Good clay encountered in between 262 mbgl to 269 mbgl. Expected TDS of good to moderate zones are 700 – 800. & moderate zone is 800 – 900.

C C : M/s Hugel Infra Private Limited



(R.K. Singh)
Geophysicist



GROUND WATER INVESTIGATION CENTRE



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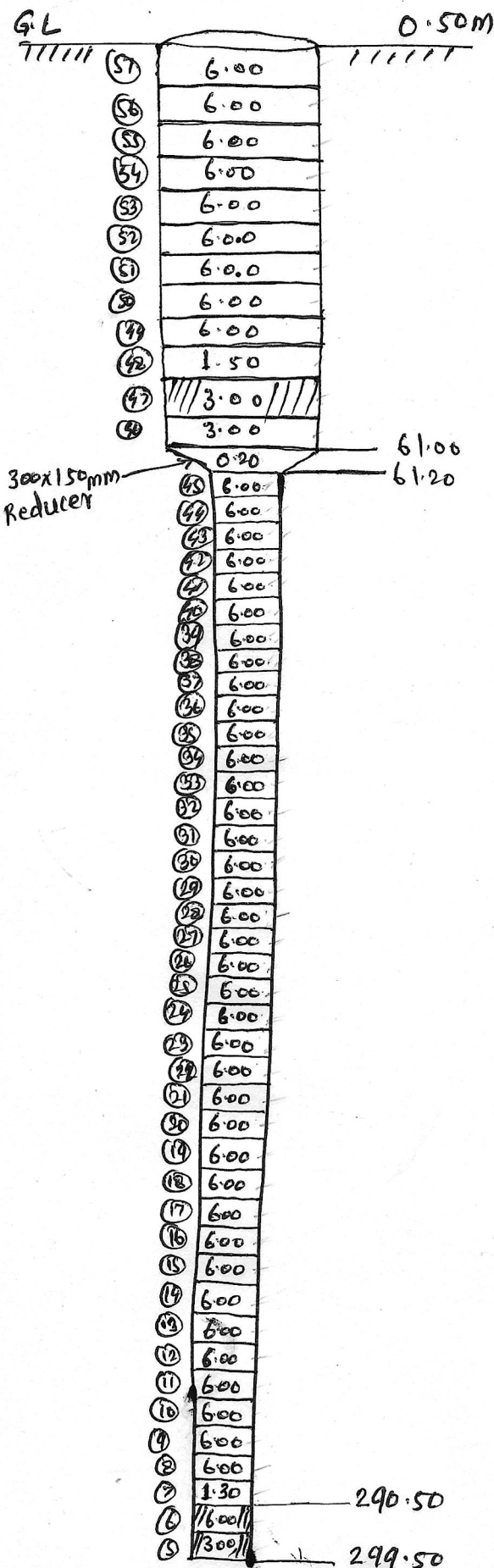
GSITN: 09ANAPS3037Q1ZG



(A.K. Singh)
Geophysicist

Proposed Lowering chart Kunloarmay IInd T/w

Discharge:- 660 LPM

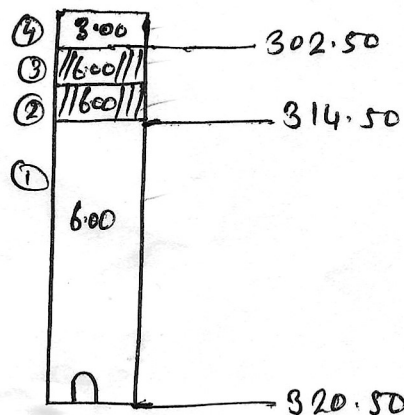
T/w Bore size = 600X450mm
T/w Asse size = 300X150mm



Logging Report
1) 40 - 47 = 7
2) 55 - 58 = 3
3) 269 - 275 = 6
4) 290 - 300 = 10
5) 302 - 320 = 18
6) 330 - 336 = 6

300(P)	300(S)	150(P)	150(S)	300x150 (R)
58.50	3.00	238.30	21.00	0.20

Lowered Assembly in BGL = 320.50m





**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 : **Ceinsys Tech Ltd.**
Name of Contractor : **Hugel Infra pvt.ltd**

Request for Inspection (RFI)

RFI No. : JJM/RBL/Scheme Name/... **Hugel/Erection/0183** Date :- **22/4/24**

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

Scheme :- **Kunwarmanu 2nd Tw**
Block :- **Chhatoh**
Pkg :- **09**

Description of Work :- **DC drilling for tubewell**
Items of Work :-
Work Description :- **DC drilling**
Checking for :- **Inspection**
Schedule / Programme :- **From 23/4/24**

Requested by :- **Amit Pandey**
Name & Signature :- **[Signature]**
Date / Time :- **22/4/24 (7:00 PM)**

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

S.No.	Item Description	Quantity	UOM	Inspection Category (Process/Final Stage)	Remarks
1	DC drilling	350	m		

Tick "3" to Indicate

<input type="checkbox"/>	Approval for work/ Commencement of Work
<input type="checkbox"/>	Remedial work but no further approval required
<input type="checkbox"/>	Remedial work as below but Re-inspection as below & approval Required

Comments if any :

Sign : **[Signature]**
Name :
Date : **16-05-2024**
TPI :

Sign :
Name :
Date :
UPJN :

Sign : **[Signature]**
Name :
Date : **22/4/24**
Contractor : **Hugel infra pvt./Ltd.**



**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 : Ceinsys Tech Ltd.
Name of Contractor : Hugel Infra pvt.ltd

Request for Inspection (RFI)

RFI No. : JJM/RBL/Scheme Name/..... **Hugel/Erection/0185** Date :- **24/4/24**

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

Scheme :- **Kunwarmau 2nd Tw**

Block :- **Chhaton**

Pkg :- **09**

Description of Work :- **Electro logging of tubewell**
Items of Work :- **Tubewell Construction**
Work Description :- **Inspection**
Checking for :- **From 25/4/24**
Schedule / Programme :-

Requested by :- **Amit Pandey**
Name & Signature :- **Amit**
Date / Time :- **24/4/24**

Received by :- **Pankaj**
Name & Signature :- **Pankaj**
From TPIA/UPJN :-
Date/Time :-

S.No.	Item Description	Quantity	UOM	Inspection Category (Process/Final Stage)	Remarks
1.	Electro logging of tubewell	350	m		

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 :
Date : **16-05-2024**
TPI :

Sign :
Name :
Date :
UPJN :

Sign : **Amit**
Name :
Date : **24/4/24**
Contractor : Hugel infra pvt. Ltd.



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

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

Request for Inspection (RFI)

RFI No. : JJM/RBL/Scheme Name / Hugel/Erection/.198 Date :- 03/05/2024

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

Scheme :- Kunwaras may IInd TW

Block :- chatoh.

PKG :- 09

Description of Work :- Lowering work
Items of Work :-
Work Description :- Inspection for Lowering.
Checking for :- Inspection by TPIA & Jal Nigam.
Schedule / Programme :- from :- 04/05/2024

Requested by :- Krishna Rathod
Name & Signature :-
Date / Time :- 03/05/2024

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

S.No.	Item Description	Quantity	UOM	Inspection Category (Process/Final Stage)	Remarks
1.	Lowering.	320.50	m		

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 : (1) DP Test not performed at site.
(2) Pea gravel was not stacked properly at site.

Sign :
Name :
Date : 16-05-2024
TPI :

Sign :
Name :
Date :
UPJN :

Sign :
Name :
Date : 03/05/24
Contractor : Hugel Infra Pvt. Ltd.