

L.C INFRA PROJECTS PVT. LTD.

Site office -House no. 110/B-9, Pardaha Mill Road (Near New public school), Mau.275101 (U.P.)

Contact No. 9935264065 E- mail I.D- lcinfra azamgarh@gmail.com, lcinfraho.jjm@gmail.com

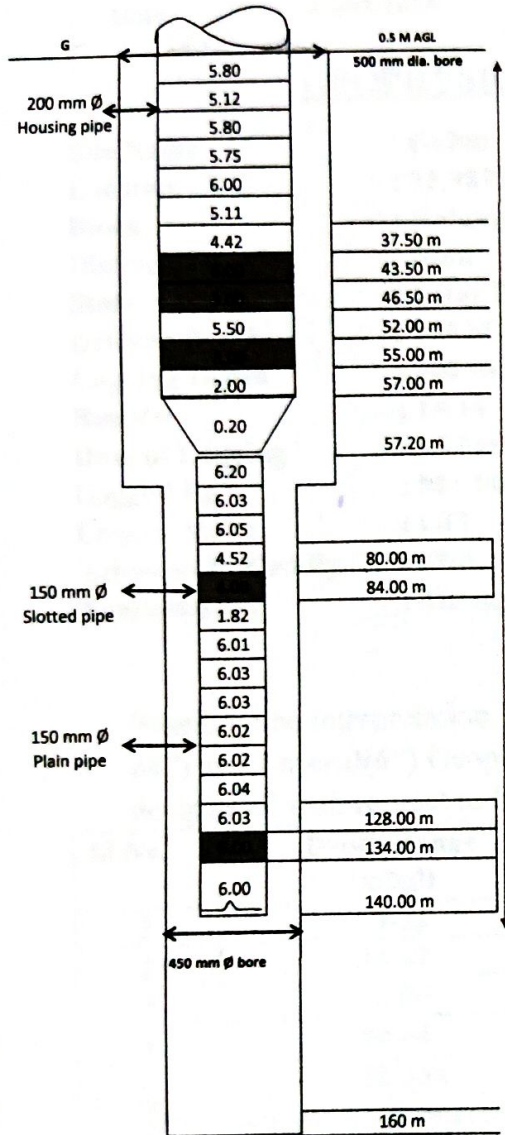
Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Gahani water supply scheme, Block-Ratanpura, District- Mau. (Under – JJM/Mau)

Name of client- Executive Engineer Division office (E/M), U.P Jal Nigam (Rural) Son - Bhardra .

Required Discharge:- 500

Size of T.W. assy- 200 mm x150mm dia.

(Not to Scale)

Detail of Strata**Detail of Lowering**

Date: - 16.05.2025

1	Drilling depth	160.00 m
2	Total housing plain pipe dia 200 mm	45.50 m
3	Total housing slotted pipe dia 200 mm	12.00 m
4	Total plain pipe dia 150 mm	72.80 m
5	Total slotted pipe dia 150 mm	10.00 m
6	Size of assembly lowering	200 mmØ x 150mmØ
7	200 mmØ x 150mmØ M.S. Reducer	.20 m
8	BGL	0.00
9	Total Assembly Length	140.50

Detail of Strata

From (m)	To (m)	Thick (m)	Desecration of the strata
0	19	19	Clay kankar
19	23	4	Fine Medium Sand
23	37	14	Clay with kankar
37	47	10	Medium Sand
47	52	5	Clay
52	55	3	Medium Sand
55	80	25	Clay
80	84	4	Medium Sand
84	128	44	Clay kankar
128	134	6	Medium Sand
134	160	26	Clay with kankar

Logging Report

Date:-

16.05.2025

Sl. No.	Depth Range (mbgl)	Thickness(m)	Remarks
1	19-23	4	Good
2	37-47	10	Good
3	52-55	3	Good
4	80-84	4	Good
5	128-134	6	Good to Moderate

Note:

1. All zones are intermixed with band of kankar.
2. The Formation water quality is deteriorating in between 88-116 Mbgl and below 146 Mbgl to till depth logged.
3. A clay kankar intercalation is present in between 116-128 Mbgl.

L C Infra Pvt Ltd

TPI

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Ref. No. : AGS/EL/2025/MAU-001
 Date : 16/05/2025

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Gahni
 Location : 25.983836, 83.707646
 Block : Ratanpura
 District : Mau
 State : Uttar Pradesh
 Drilling Depth : 165 Mbgl(As Reported by Driller)
 Logging Depth : 160 Mbgl
 Rm/Rw : 16/14
 Date of Logging : 15-May-2025
 Logged By : Mr. Shobhit Srivastava(Hydrogeologist)
 Logger Make : GIT
 Tubewell Drilled By : M/S L C Infra Pvt Ltd ,Mau,Uttar Pradesh
 Representative : Mr. Ajeet Yadav

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 (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	19-23	4	Good
2	37-47	10	Good
3	52-55	3	Good
4	80-84	4	Good
5	128-134	6	Good to Moderate

Note 1- All zones are intermixed with thin bands of kankar.

2- The formation water quality is deteriorating in between 88-116 Mbgl and below 146 Mbgl to till depth logged.

3- A clay kankar intercalation is present in between 116-128 Mbgl.


 AllGeo Solutions
 Sanjeet Sharma
 (Hydrogeologist)

