

L.C INFRA PROJECTS PVT. LTD.

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

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Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Dhekara water supply

scheme, Block-Kopaganj, District- Mau. (Under - JJM/Mau)

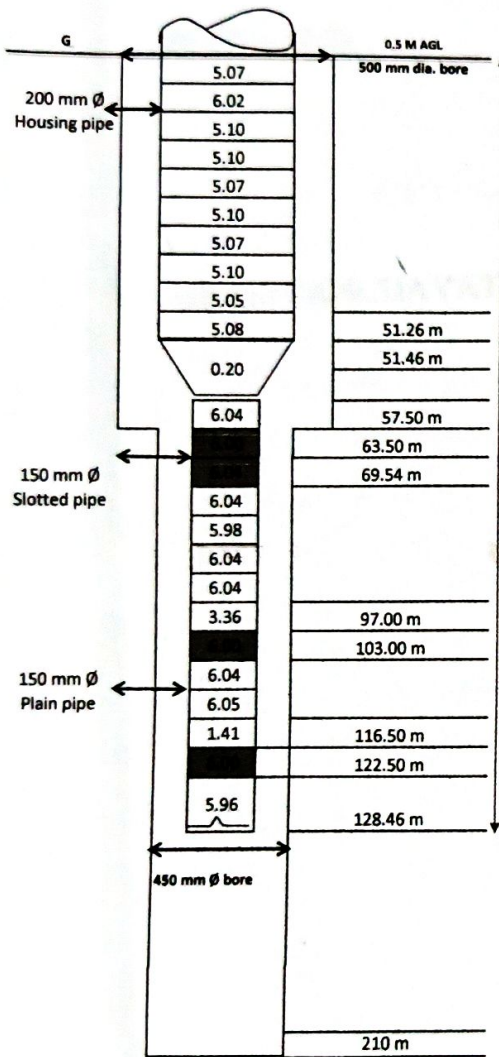
Name of client- Executive Engineer Division office (E/M), U.P Jal Nigam (Rural) Son - Bhardra .

Required Discharge:- 400

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

(Not to Scale)

Detail of Strata



Detail of Lowering

Date: - 13.05.2025

1	Drilling depth	210 m.
2	Total housing plain pipe dia 200 mm	51.76 m
3	Total plain pipe dia 150 mm	52.96 m
4	Total slotted pipe dia 150 mm	24.04 m
5	Size of assembly lowering	200 mm x 150mm
6	200 mm x 150mm M.S. Reducer	.20 m
7	BGL	0.00
8	Total Assembly Length	128.96

Detail of Strata

From (m)	To (m)	Thick (m)	Desecration of the strata
0	12	12	Clay kankar
12	16	4	Fine Sand
16	35	19	Clay kankar
35	40	5	Fine Sand & Kankar
40	50	10	Clay kankar
50	72	22	Medium Sand
72	97	25	Clay kankar
97	103	6	Medium Sand
103	116	13	Clay kankar
116	123	7	Medium Sand
123	130	7	Clay kankar
130	135	5	Fine to medium sand
135	154	19	Clay kankar
154	165	11	Fine to medium sand & kankar
165	180	15	Clay kankar
180	182	2	Fine Sand
182	192	10	Clay kankar
192	198	6	Fine Sand & Kankar
198	205	7	Clay kankar

Logging Report

Date:-

05.05.2025

Sl. No.	Depth Range (mbgl)	Thickness(m)	Remarks
1	12-16	4	Good
2	35-40	5	Good
3	50-72	22	Good
4	97-103	6	Good
5	116-123	7	Good
6	130-135	5	Good
7	154-165	11	Mod. To Good
8	180-182	2	Mod. To Good
9	192-198	6	Mod. To Good

Note:

1. Please ensure pre-monsoon water level before lower the well assembly.
2. Clay kankar is present in depth range range 17-4, 41-49, 73-96, 104-115, 124-129, 136-153, 166-179, 183-191 and 199 mtr. to till depth logged.

L C Infra Pvt Ltd

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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DHEKAWARA, BLOCK- KOPAGANJ, DISTT- MAU
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 210 mtrs. depth. and Logged depth 205 mtrs. at above site. Was drilled by M/s LC Infra Projects Pvt. Ltd. Mau.

On the request of M/s LC Infra Projects Pvt. Ltd. Mau. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 05. May. 2025.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 16.23 Ohms.

Drilling Water Resistivity = 17.90 Ohms.

Approx. Water Level = 9 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	12 - 16	4	Fine sand	Good
2.	35 - 40	5	Fine sand & kankar	Good
3.	50 - 72	22	Medium sand	Good
4.	97 - 103	6	Medium sand	Good
5.	116 - 123	7	Medium sand	Good
6.	130 - 135	5	Fine to medium sand	Good
7.	154 - 165	11	Fine to medium sand & kankar	Mod. To Good
8.	180 - 182	2	Fine sand	Mod. To Good
9.	192 - 198	6	Fine sand & kankar	Mod. To Good

Note :- 1. Please ensure pre-monsoon water level before lower the well assembly

2. Clay kankar is present in depth range 17-34, 41-49, 73-96, 104-115, 124-129, 136-153, 166-179, 183-191 and 199 Mtr bgl to till depth logged.



✓ N16 (5N)
✓ N64(2N)

egg 1/2 of 1/2
book 1/2 of 1/2
1/2 1/2 1/2 1/2
1/2 1/2 1/2 1/2
1/2 1/2 1/2 1/2
1/2 1/2 1/2 1/2

105/5/02/23-24

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Legend:

DM-71-2

Weggenhausen

**Ground Water
Survey Consultancy
Agency India**

