

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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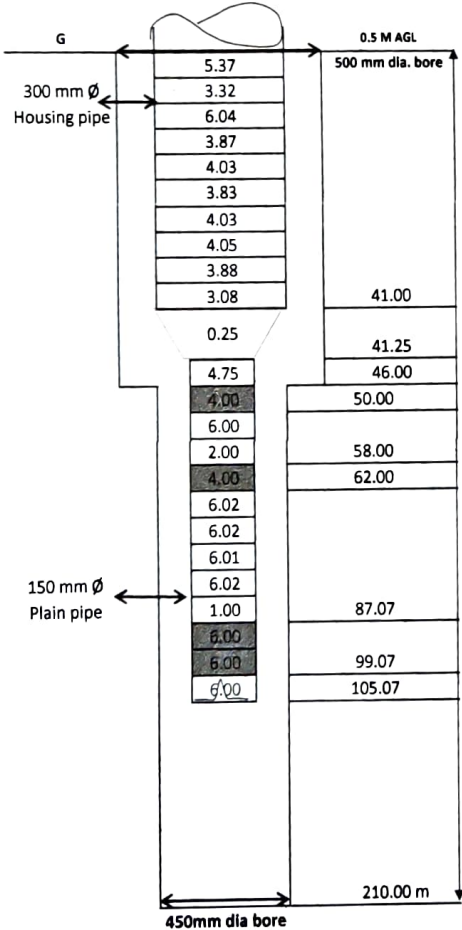
Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Ranveerpur TW 2 water supply scheme, Block-Pardaha, District- Mau. (Under – JJM/Mau)

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

Required Discharge:- 650 lpm

Size of T.W. assy- 300mm x 150mm dia.

(Not to Scale)

Detail of StrataAGL + BGL
0.5+105.57**Detail of Lowering**

Date: -

25-Jan-25

1	Drilling depth	210 m.
2	Total housing pipe dia 300 mm	41.50
3	Total plain pipe dia 150 mm	43.82
4	Total slotted pipe dia 150 mm	20.00
5	Size of assembly lowering	300 mmØ x 150mmØ
6	300 mmØ x 150mmØ M.S. Reducer	0.25 m
7	BGL	105.07
8	Total Assembly Length	105.57

Detail of Strata

From (m)	To (m)	Thick (m)	Desceraction of the strata
0	23	23	S. Clay
23	30	7	M. sand
30	45	15	M. Sand with kankar
45	50	5	Fine to M. sand
50	57	7	M. Sand with kankar
57	62	5	Fine to M. sand
62	70	8	M. Sand with kankar
70	75	5	M.sand mix with Kankar
75	87	12	Fine Sand With Kankar
87	99	12	Fine to M. sand
99	105	6	Fine Sand With Kankar

Logging Report

Date:-

22-Jan-25

Sl. No.	Depth Range (mbgl)	Thickness(m)	Remarks
1	16-21	5	GOOD
2	28-31	3	GOOD
3	46-50	4	GOOD
4	58-62	4	GOOD
5	87-100	13	GOOD
6	170-174	4	Moderate
7	186-190	4	Moderate

- Note: 1 Find Bands Of kankar Are Intermixed with almost all the zones
2 Zone Sl.no.3 is fine sand & highly intermixed with fine bands of kankar
3 Zone 1 & 7 are highly intermixed With fine bands of kankar
4 Zone 4 is fine sand in nature
5 Please ensure pre- monsoon water level before lower the well assembly

L C Infra Pvt Ltd

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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: PJM:24-25:LS: 150

Dated: 22-01-2025

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ranvirpur Tw-2
Block: Pardahan
District: Mau
State: Uttar Pradesh
Date of Logging: 22-01-2025
Drilling Depth: 210.0 m bgl
Logging Depth: 195.0 m bgl
Rm -16.0 Ω m Rw-18.0 Ω m

Latitude: 25.896364 Longitude: 83.629711

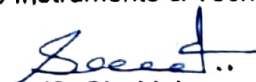
Borehole Drilled by: M/s L.C. Infra Projects, Mau, Uttar Pradesh.

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.	16 - 21	05	Good
2.	28 - 31	03	Good
3.	46 - 50	04	Good
4.	58 - 62	04	Good
5.	87 - 100	13	Good
6.	170 - 174	04	Moderate
7.	186 - 190	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 3 is fine sand & highly intermixed with fine bands of kankar.
3. Zone Sl. No. 1 and 7 are highly intermixed with fine bands of kankar.
4. Zone Sl. No. 4 is fine sand in nature.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

SP_5 N16_1 N64_1

Resistivity - (Ohm-m)

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

