

**L.C INFRA PROJECTS PVT. LTD.**

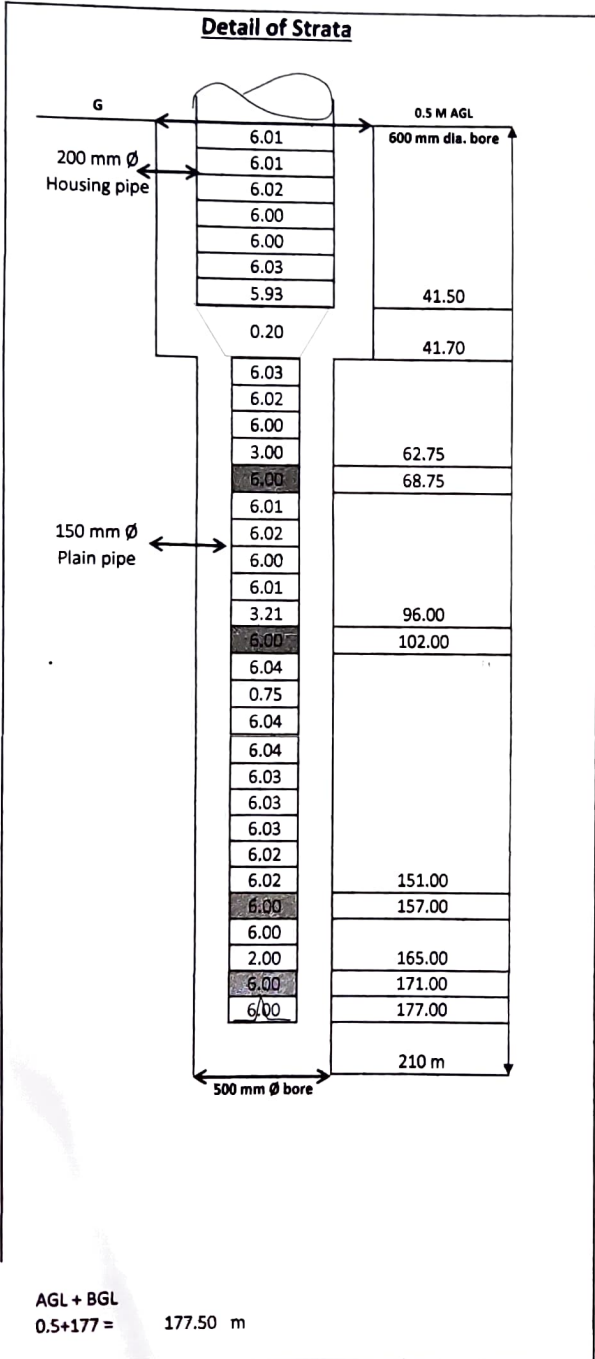
Site office -House no. 110/B-9, Pardaha Mill Road (Near New public school), Mau.275101 (U.P.)  
 Contact No. 9935264065 E- mail I.D- lcinfra azamgarh@gmail.com, lcinfraho.jjm@gmail.com

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

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

Required Discharge:- 350 LPM Size of T.W. assy- 200mm x 150mm dia.

(Not to Scale)



**Detail of Lowering** Date: - **19-Dec-24**

1	Drilling depth	210 m
2	Total housing pipe dia 200 mm	42.00
3	Total plain pipe dia 150 mm	<del>109.28</del> 111.30
4	Total slotted pipe dia 150 mm	<del>20.02</del> 24
5	Size of assembly lowering	200 mmØ x 150mmØ
6	200 mmØ x 150mmØ M.S. Reducer	0.20 m
7	BGL	<del>171.00</del> 177
8	Total Assembly Length	<del>171.50</del> 177.5

**Detail of Strata**

From (m)	To (m)	Thick (m)	Desceraction of the strata
0	32	32	Surface Clay
32	42	10	M Sand
42	62	20	Fine Bands of Kankar
62	69	7	Fine Bands of Kankar
69	76	7	Fine Bands of Kankar
76	95	19	Sandy Clay
95	103	8	Fine to M Sand
103	105	2	M Sand
105	128	23	Fine to M Sand
128	135	7	Fine Sand
135	150	15	Fine to M Sand
150	156	6	Fine to M Sand
156	165	9	Fine to M Sand
165	172	7	Fine to M Sand
172	180	8	Fine Bands of Kankar

**Logging Report** Date:- **12-Dec-24**

Sl. No.	Depth Range (mbgl)	Thickness(m)	Remarks
1	34-39	5.0	GOOD
2	50-57	7.0	GOOD
3	60-69	9.0	GOOD
4	77-81	4.0	GOOD
5	96-102	6.0	GOOD
6	128-132	4.0	GOOD
7	151-158	7.0	GOOD
8	165-171	6.0	GOOD

**NOTE: 1.** All zones are intermixed with kankar.  
 Sl.No. 6 is fine sand in nature  
 Zone 3,4,6 and 8 are highly intermixed with fine band kankar  
 Please ensure ppre- monsoon water level before lowering the weel assembly

AGL + BGL  
 0.5+177 = 177.50 m

L C Infra Pvt Ltd    E.E

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:24-25:LS: 139

Dated: 12-12-2024

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sekhwaliya**  
Block: **Kopaganj**  
District: **Mau**  
State: **Uttar Pradesh**  
Date of Logging: **12-12-2024**  
Drilling Depth: **210.0 m bgl**  
Logging Depth: **200.0 m bgl**  
Rm - **18.0 Ωm**      Rw - **20.0 Ωm**

Latitude: **26.039824**

Longitude: **83.456013**

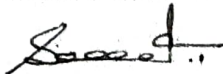
Borehole Drilled by: M/s L.C. Infra Projects Mau, Uttar Pradesh, India.

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.	34 - 39	05	Good
2.	50 - 57	07	Good
3.	60 - 69	09	Good
4.	77 - 81	04	Good
5.	96 - 102	06	Good
6.	128 - 132	04	Good
7.	151 - 158	07	Good
8.	165 - 171	06	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 3, 4, 6 and 8 are highly intermixed with fine bands of kankar.  
3. Zone Sl. No. 6 is fine sand in nature.  
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

  
(S. Shukla)

SP ■ N16 ■ N64

Resistivity - (Ohm-m)

