

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 Koiriyapar water supply

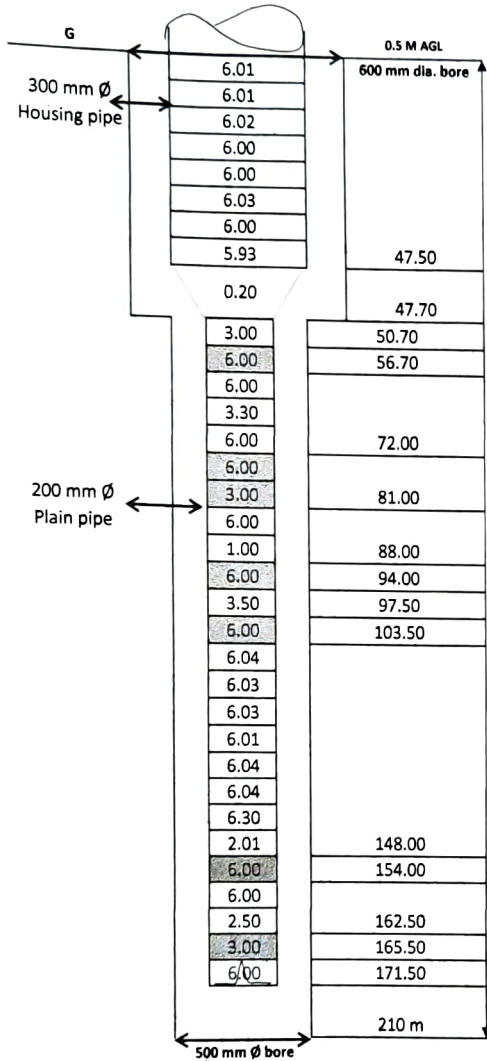
scheme, Block- Kopaganj, District- Mau. (Under – JJM/Mau)

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

Required Discharge:- 1350 LPM Size of T.W. assy- 300mm x 200 mm dia.

(Not to Scale)

Detail of Strata



Detail of Lowering

Date: -

25-Nov-24

Sl. No.	Description	Length (m)
1	Drilling depth	210.00
2	Total housing pipe dia 300 mm	48.00
3	Total plain pipe dia 200 mm	87.80
4	Total slotted pipe dia 200 mm	36.00
5	Size of assembly lowering	300 mm ϕ x 200 mm ϕ
6	300 mm ϕ x 200 mm ϕ M.S. Reducer	0.20 m
7	BGL	171.50
8	Total Assembly Length	172.00

Detail of Strata

From (m)	To (m)	Thick (m)	Desecration of the strata
0	27	27	Surface Clay
27	42	15	Fine sand mix with kankar
42	50	8	Find Bands of Kankar
50	56	6	Fine to M.Sand
56	72	16	M.sand mix with Kankar
72	81	9	Fine to M.Sand
81	88	7	M.sand mix with Kankar
88	94	6	Fine to M.Sand
94	97	3	M.sand mix with Kankar
97	103	6	Fine to M.Sand
103	130	27	M.Sand
130	148	18	M.sand mix with Kankar
148	154	6	Fine to M.Sand
154	162	8	M.sand mix with Kankar
162	165	3	Fine to M.Sand
165	171	6	M.sand mix with Kankar

Logging Report

Date:-

20-Nov-24

Sl. No.	Depth Range (mbgl)	Thickness(m)	Remarks
1	28-31	3.0	GOOD
2	38-41	3.0	GOOD
3	50-57	7.0	GOOD
4	72-81	9.0	GOOD
5	88-94	6.0	GOOD
6	97-104	7.0	GOOD
7	148-154	6.0	GOOD
8	162-166	4.0	GOOD

NOTE: 1. All zones are intermixed with fine Bands of kankar.
 Sl.No. 1 & 2 is fine sand and High intermixed with fine bands of kankar
 Zone 5&7 are highly intermixed with fine band kankar
 Please ensure pre- monsoon water level before lowering the well assembly

AGL + BGL
 0.5+177 = 177.50 m

[Signature]
 L C Infra Pvt Ltd

[Signature]
 TPI

[Signature]
 JE

[Signature]
 AE

E.E

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: 130

Dated: 20-11-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Koiriyapar**
Block: **Kopaganj**
District: **Mau**
State: **Uttar Pradesh**
Date of Logging: **20-11-2024**
Drilling Depth: **210.0 m bgl**
Logging Depth: **186.0 m bgl**
Rm - **27.0 Ωm** Rw - **54.0 Ωm**

Latitude: **26.0438680**

Longitude: **83.4512830**

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.	28 - 31	03	Good
2.	38 - 41	03	Good
3.	50 - 57	07	Good
4.	72 - 81	09	Good
5.	88 - 94	06	Good
6.	97 - 104	07	Good
7.	148 - 154	06	Good
8.	162 - 166	04	Good

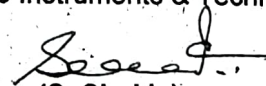
Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 1 & 2 are fine sand & highly intermixed with fine bands of Kankar.

3. Zone Sl. No. 5 & 7 are highly intermixed with fine bands of Kankar.

4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)



Date	20-Nov-24	RM	27.0 Ωm
Site	Koiriyapar	RW	54.0 Ωm
Block	Kopaganj	Latitude	26.043868
District	Mau	Longitude	83.451283
State	Uttar Pradesh	Logged By	Geo Instruments & Technics, Lucknow

