

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

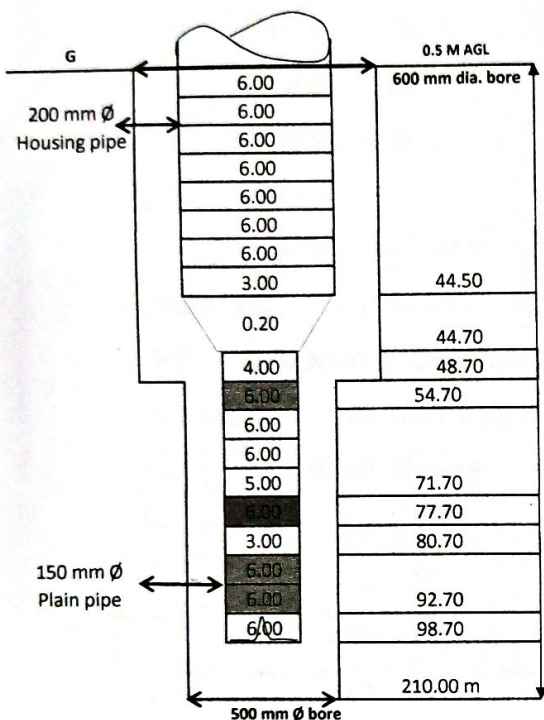
Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Siyarahi Barjala (TW-2) water supply scheme, Block- Dohri Ghat, District- Mau. (Under – JJM/Mau)

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

Required Discharge:- 550 LPM

Size of T.W. assy- 200mm x 150mm dia.

(Not to Scale)

Detail of Strata**Detail of Lowering**

Date: -

15-Jan-24

1	Drilling depth	210 m
2	Total housing pipe dia 200 mm	45.00
3	Total plain pipe dia 150 mm	30.00
4	Total slotted pipe dia 150 mm	24.00
5	Size of assembly lowering	200 mmØ x 150mmØ
6	200 mmØ x 150mmØ M.S. Reducer	0.20 m
7	BGL	98.70
8	Total Assembly Length	99.20

Detail of Strata

From (m)	To (m)	Thick (m)	Desecration of the strata
0	32	32	Surface Clay
32	44	12	M Sand
44	48	4	Fine Bands of Kankar
48	54	6	Fine to M Sand
54	71	17	Sandy Clay
71	77	6	Fine to M Sand
77	80	3	Sandy Clay
80	92	12	Fine to M Sand
92	98	6	M Sand with Kankar
98	110	12	M Sand

Logging Report

Date:-

13-Jan-24

Sl. No.	Depth Range (mbgl)	Thickness(m)	Remarks
1	15-25	10.0	GOOD
2	30-40	10.0	GOOD
3	45-55	10.0	GOOD
4	70-78	8.0	GOOD
5	80-94	14.0	GOOD
6	125-135	10.0	GOOD
7	157-165	8.0	GOOD

NOTE: 1 Fine Band Of Kanakr Are Intermixed With Almost All Zones

Quality Of Ground Water Is deteriorating to Marginal From Depth 184.0 m bgl till
2 depth Logged

3 Please Ensure Pre- Monsoon water level before lowring the well assembly

L C Infra Pvt Ltd

TPI

JE

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GEOTECH ENTERPRISE

1 Ground Water Exploration Technic's & Consultancy Service

Mob. No.: - +91 8511223845 / 8200396696 / 9106686592 E-mail: geoservices2018@gmail.com

Ref./ UP-204/ 01 – 2024

Dated: 13-01-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site : Siyarahibarjla
Block : Doharigart
District : Mau
State : Uttar Pradesh
Date of Logging : 13-01-2024
Drilling Depth : 210.0 m bgl
Logging Depth : 201.0 m bgl
Rm / Rw : 11.0 ohm.m / 12.0 ohm.m
Borehole Drilled by : **L.C. Infra Projects Pvt. Ltd. Mau, U.P.**

Based on the interpretation of Self Potential (SP), Short Normal (N – 16”), Long Normal (N – 64”) and Lateral 6’ Geophysical Logs, following information/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
01	15 – 25	10	Good
02	30 – 40	10	Good
03	45 – 55	10	Good
04	70 – 78	08	Good
05	80 – 94	14	Good
06	125 – 135	10	Good
07	157 – 165	08	Good

Note:

- 1) Fine bands of Kankar are intermixed with almost all zones
- 2) Quality of groundwater is deteriorating to Marginal from depth 184.0 m bgl till depth logged
- 3) Please ensure pre – monsoon water level before lowering the well assembly



For Geotech Enterprise

Avinash Goswami

Geologist



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