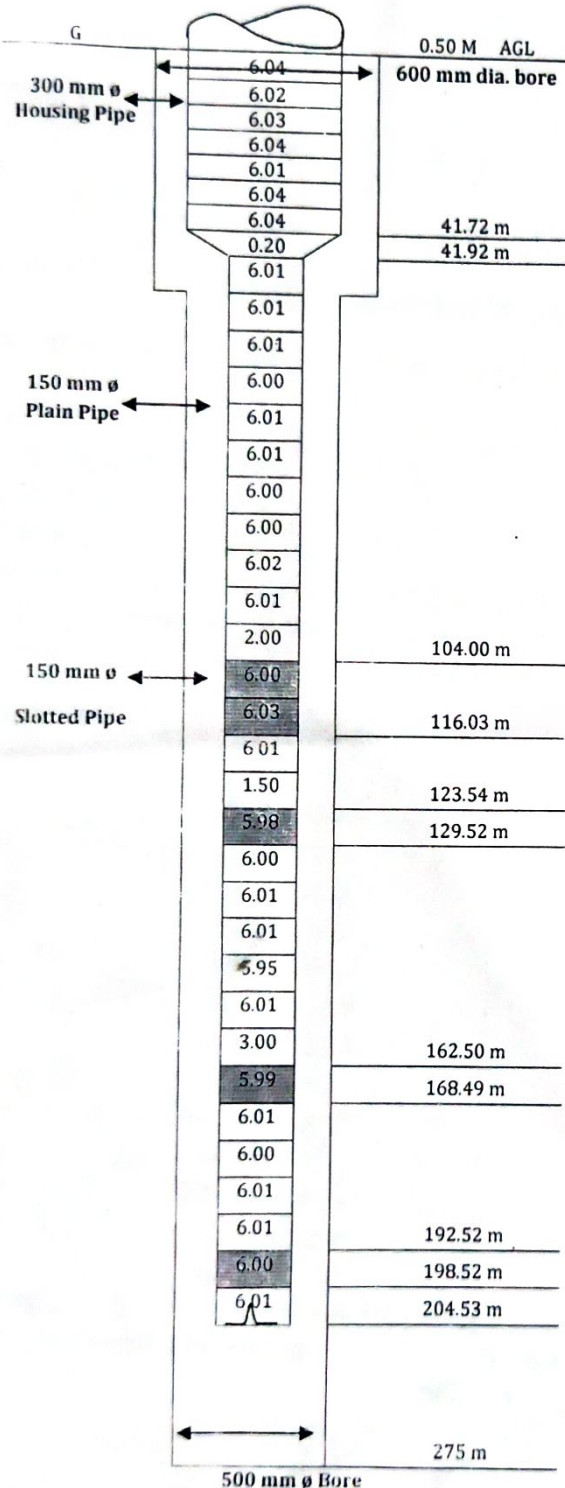


Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Belaujha water supply scheme T.W. No-2, Block- Ratanpura, District- Mau (Under I.J.M. Progarme).

Details of Tubewell :- 800 LPM, 275/250m deep 300x150mm dia Assembly size Tubewell (Not to Scale)

Detail of Strata



AGL + BGL
0.50 + 204.53 = 205.03 m.

Prepared by

Detail of Lowering

Date- 22-09-2021

1	Drilling depth	275 m.
2	Size of assembly lowering	300mmø x150 mmø
3	Total housing pipe 300 mm dia.	42.22 m.
4	Total Plain pipe 150 mm dia.	132.61 m.
5	Total Slotted pipe 150mm dia.	30.00 m.
6	M.S. Reducer 300mmø x150 mmø	0.20 m.
7	BGL	204.53 m.
8	Total Length of assembly	205.03 m.

Detail of Physical Strata encountered during drilling

From (m)	To (m)	Thick (m)	Description of the Strata
0.00	6.00	6.00	Surface Clay
6.00	18.00	12.00	Sandy Clay with Kankar
18.00	24.00	6.00	Fine Sand
24.00	32.00	8.00	Clay Kankar
32.00	39.00	7.00	Fine Sand
39.00	45.00	6.00	Kankar with Clay
45.00	51.00	6.00	Fine Sand
51.00	54.00	3.00	Sandy Clay
54.00	59.00	5.00	Fine Sand
59.00	65.00	6.00	Fine Sand with Kankar Intermixed
65.00	71.00	6.00	Fine Sand
71.00	77.00	6.00	Clay Kankar
77.00	99.00	22.00	Fine Sand
99.00	102.00	3.00	Clay Kankar
102.00	129.00	27.00	Fine Sand
129.00	134.00	5.00	Kankar Clay Intermixed
134.00	141.00	7.00	Fine Sand
141.00	159.00	18.00	Clay Kankar
159.00	168.00	9.00	Fine Sand
168.00	188.00	20.00	Fine Sand with Kankar Intermixed
188.00	198.00	10.00	Fine Sand
198.00	201.00	3.00	Clay
201.00	223.00	22.00	Kankar Clay Intermixed
223.00	236.00	13.00	Fine to M. Sand
236.00	248.00	12.00	Fine Sand
248.00	251.00	3.00	Sand to Kankar Intermixed
251.00	256.00	5.00	Fine Sand
256.00	261.00	5.00	Clay
261.00	268.00	7.00	Fine Sand
268.00	275.00	7.00	Clay Kankar

Logging Report

Date 14-09-2021

Sl.No.	Depth range (mbgl)	Thickness (m)	Remarks
1	20.0 - 25.0	5.0	Good All
2	33.0 - 38.0	5.0	
3	46.0 - 50.0	4.0	
4	54.0 - 58.0	4.0	
5	65.0 - 70.0	5.0	
6	78.0 - 98.0	20.0	
7	102.0 - 118.0	16.0	
8	123.0 - 130.0	7.0	
9	135.0 - 140.0	5.0	
10	162.0 - 169.0	7.0	
11	190.0 - 200.0	10.0	
12	237.0 - 247.0	10.0	
13	250.0 - 255.0	5.0	
14	260.0 - 267.0	7.0	

Note- Sl. Nos. 1, 2, 3, 4, 5, 8, 9 & 10 are fine sand intermixed with kankar, and Sl no. 11 is intermixed with kankar

Prepared by

M/s LC INFRA PVT. LTD.

Lucknow

(Sudhir Kumar)
J. E.

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Assistant Engineer

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Advisor- Dr. R. A. Yadav, ex- Manager(Groundwater), U. P. Jal Nigam

Ref 914 - B / AX - 2021

Date 14.09.2021

Geophysical Borehole Logging Report

Name of the site : Balaujha T/W-2, Block - Ratanpura

District : Mau

Date : 14.09.2021

Depth logged : 275.0 mbgl

Depth drilled : 280.0 mbgl

Logged by : Aqua Xplore

Presence : Representative of M/S L.C. Infra Projects Pvt. Ltd. Mau

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	20.0---25.0	5.0	Good all
2	33.0---38.0	5.0	
3	46.0---50.0	4.0	
4	54.0---58.0	4.0	
5	65.0---70.0	5.0	
6	78.0---98.0	20.0	
7	102.0---118.0	16.0	
8	123.0---130.0	7.0	
9	135.0---140.0	5.0	
10	162.0---169.0	7.0	
11	190.0---200.0	10.0	
12	237.0---247.0	10.0	
13	250.0---255.0	5.0	
14	260.0---267.0	7.0	

Note SI.Nos. 1,2,3,4,5,8,9 & 10 are fine sand intermixed with kankar and SI. No. 11 is intermixed with kankar.

S. K. Yadav
Dr. R. A. Yadav

for Aqua Xplore

CC;

- Executive Engineer, T.C.D. (E/M), U.P. Jal Nigam, Mau.
- M/S L.C. Infra Projects Pvt. Ltd., Mau

