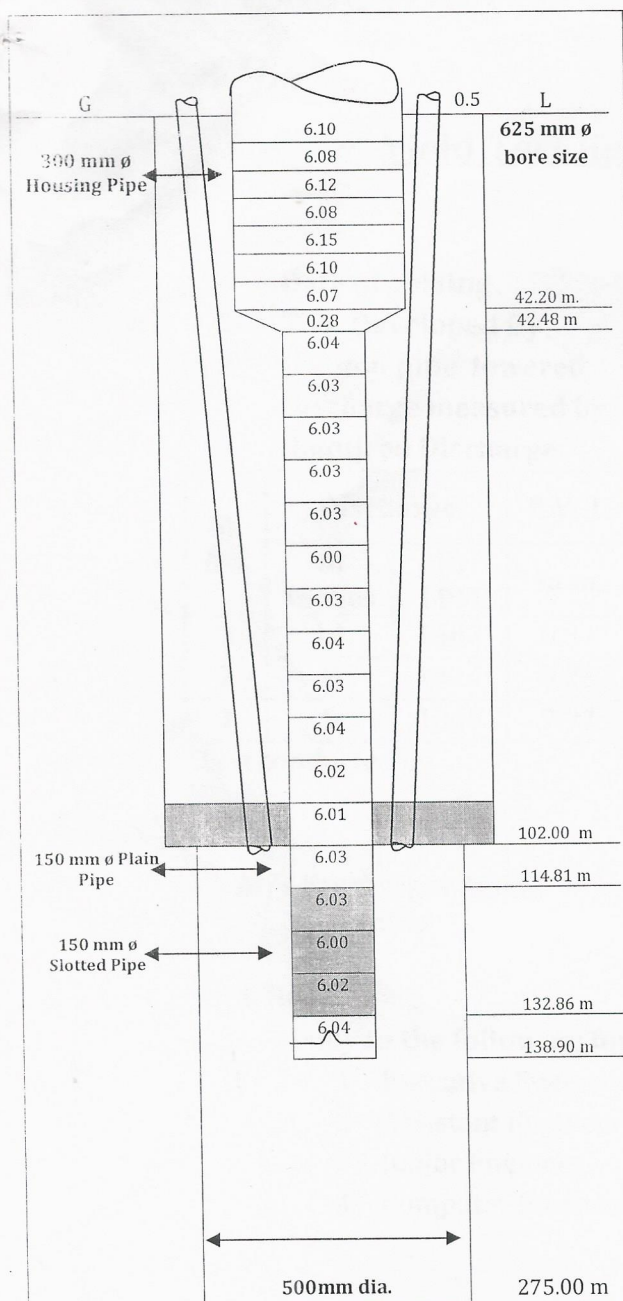


Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Budhau water supply scheme Block- Chilkahar, District- Ballia. (Under Programme- NWQSM)

(Not to Scale)



AGL + BGL
0.50 + 138.90 = 139.40 m.

Detail of Lowering

Date - 24-05-2021

1	Drilling depth	275 m.
2	Total housing pipe dia 300 mm	42.70 m.
3	Total Plain pipe dia 150 mm	78.37 m.
4	Total Slotted pipe dia 150mm	18.05 m.
5	Size of assembly lowering	300mmø x 150 mmø
6	M.S. Reducer 300mmø x 150 mmø	0.28 m.
8	BGL	138.90 m.
9	Total Length of assembly	139.40 m.

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0.00	12.00	12.00	Surface Clay
12.00	30.00	18.00	Sandy Clay
30.00	45.00	15.00	Fine Sand
45.00	54.00	9.00	Clay
54.00	69.00	15.00	Fine Sand
69.00	75.00	6.00	Clay
75.00	90.00	15.00	Fine to M. Sand
90.00	99.00	9.00	Fine Sand
99.00	112.00	13.00	Clay
112.00	135.00	23.00	Fine to M. Sand
135.00	138.00	3.00	Clay
138.00	192.00	54.00	Clay Kankar Intermixed
192.00	198.00	6.00	Clay
198.00	212.00	14.00	Fine Sand
212.00	234.00	22.00	Fine to M. Sand
234.00	245.00	11.00	Fine Sand
245.00	275.00	30.00	Clay

Logging Report

Date 27-03-2021

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	34.0-39.0	5.0	Good
2	47.0-52.0	5.0	CLAY
3	70.0-76.0	6.0	CLAY
4	77.0-87.0	10.0	Good
5	94.0-100.0	6.0	Good
6	101.0-110.0	9.0	CLAY
7	113.0-133.0	20.0	Good
8	135.0-138.0	3.0	CLAY
9	193.0-197.0	4.0	CLAY
10	214.0-233.0	19.0	Good
11	237.0-244.0	7.0	Good

Zone Testing done at following depth

S. N.	Zones (In meter)	Ars. mg/l	Ir. mg/l	Fl. mg/l	Result
1	237.00 - 244.00	0.0024	1.55	2.13	Not Satisfactory
2	214.00 - 233.00	0.002	1.53	2.06	Not Satisfactory
3	113.00 - 133.00	0.001	0.73	0.94	Satisfactory

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° "V" Notch.

Date of Test : - 01-07-2021

Discharge measured by 90° V Notch.							Date of Test: 02.07.2022					Remark
Sl. No.	Discharge		Air Pressure in Kg/cm ²		Depression in		Starting Sand in P.P.M.	Sand contents in P.P.M. After				
	In Inches	In L.P.M	Starting	Running	Kg/cm ²	mts		5 Min	10 Min	15 Min	20 Min	
1	8	1500	12.50	12.00	0.50	5.00	8000	4500	3000	1500	800	
Note: Recommended for development of T/W by O.P. Unit.												

Note- Recommended for development of T/W by O.P. Unit

YIELD TEST REPORT OF T.W BY O.P. UNIT

Discharge measured by orifice meter- 5"x4" size.

Date of Test :- 21-08-2021

Sl. No.	Discharge		Water level in mts.		Depression in meters	Starting	Sand contents in P.P.M. After				Remark
	In Inches	In L.P.M	Running	Static			5 Min	10 Min	15 Min	20 Min	
1	10	1487	8.84	5.00	3.84	300	100	50	Tr	Tr	
2	8	1374	8.23	5.00	3.23	100	Tr	Cl	Cl	Cl	
3	5	1060	7.92	5.00	2.92	Tr	Tr	Cl	Cl	Cl	

Recommended Discharge 800 LPM after 10 min. in by pass.

M/s Premsagar Singh, Ballia
Contractor

(J Ranjan)
J. E.

(P.C. Gupta)
Assistant Engineer

(J.K. Gupta)
Executive Engineer