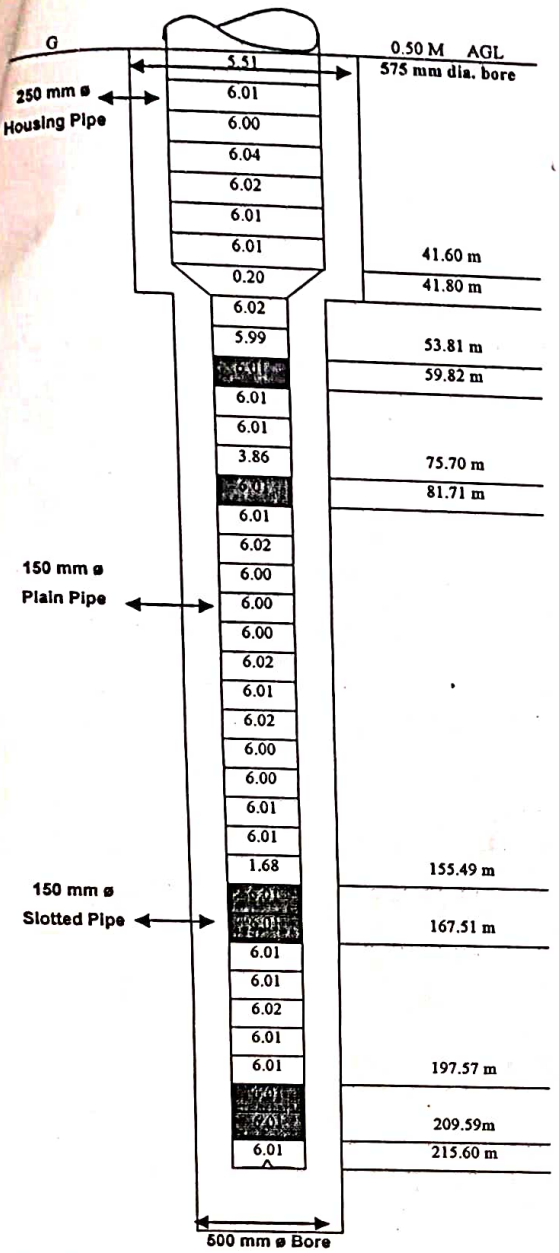
E OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU

tual Completion Plan of Tube well Assembly Chart cum strata Chart For Masheena water supply scheme, Block- Kopaganj, District- Mau.

Detail of Strata

(Not to Scale)



AGL + BGL
0.50 + 215.60 = 216.10 mts.

Detail of Lowering

Date- 11-08-2017

1	Drilling depth	240 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 250 mm	42.10 mt.
4	Total Plain pipe dia 150 mm	137.74 mt.
5	Total Slotted pipe dia 150 mm	36.06 mt.
6	Size of assembly lowering	250mmø x 150 mmø
7	250mmø x 150 mmø M.S. Reduser	0.20 mt

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	3.00	3.00	Surface Soil
3.00	42.00	39.00	Fine Sand
42.00	54.00	12.00	V. Fine Sand
54.00	66.00	12.00	Fine Sand
66.00	78.00	12.00	Fine Sand with Kankar
78.0	86.00	8.00	V.Fine Sand with Kankar
86.00	96.00	10.00	V.V.Fine Sand with Clay &Kankar
96.00	102.00	6.00	Kankar Clay
102.00	123.00	21.00	V.Fine Sand with Clay &Kankar
123.00	140.00	17.00	Fine Sand with Clay &Kankar
140.00	153.00	13.00	V.V.Fine Sand with Clay &Kankar
153.00	157.00	4.00	V. Fine Sand
157.00	169.00	12.00	Fine Sand
169.00	194.00	25.00	V.Fine Sand with Clay &Kankar
194.00	201.00	7.00	V. Fine Sand
201.00	220.00	19.00	Fine Sand
220.00	240.00	20.00	Clay with V.Fine Sand &Kankar

Logging Report

Date 02-08-2017

Sl. N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	47.0 – 60.0	13.0	Good
2	75.0 – 85.0	10.0	Good
3	95.0 – 102.0	7.0	Good, fine sand Kankar Intermixed
4	107.0 -112.0	5.0	Good, fine sand Kankar Intermixed
5	140.0 – 145.0	5.0	Good
6	153.0 – 168.0	15.0	Good
7	195.0 - 210.0	15.0	Good

TEST REPORT OF T.W. DEVOLOPMENT BY AIR COMPRESSOR

Discharge measured by 90° "V" Notch. Date of Test : - 29-08-2017

Sl. No.	Discharge		Air Pressure in Kg/cm²		Depression in		Starting Sand in P.P.M.	Sand contents in P.P.M. After				Remark
	In Inches	In L.P.M	Starting	Running	Kg/cm²	mts		5 Min	10 Min	15 Min	20 Min	
1	9	2107	8.00	7.40	0.60	6.00	8000	5000	3000	2000	1800	
2	8½	1831	8.00	7.50	0.50	5.00	7000	4500	2600	1500	1300	
3	8	1778	8.00	7.55	0.45	4.50	6000	4000	2000	1200	900	

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

(Surendra Yadav)
J.E

(S.N. Singh)
A.E.

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

Discharge measured by orifice meter- 90° "V" Notch.

Date of Test : - 15-09-2017

Sl. No.	Discharge		Water level in mts.		Depression in meters	Sand contents in P.P.M.					Remark
	In Inches	In L.P.M	Running	Static		Starting	After				
							5 Min	10 Min	15 Min	20 Min	
1	9½	2406	9.25	3.00	6.25	900	300	100	50	50	
2	8½	1831	8.25	3.00	5.25	650	250	100	50	Tr	
3	7½	1374	7.50	3.00	4.50	400	150	50	Tr	Cl	
4	6½	946	6.75	3.00	3.75	250	Tr	Cl	Cl	Cl	

Recommended discharge 800 LPM at 4.00 depression after 10 Min. in by pass.

(Surendra Yadav)
J.E

(R.B. Ram)
A.E.

(M/s Harishchandra Singh)
Gorakhpur
Contractor

(Surendra Yadav)
J. E.

(S.N. Singh)
Assistant Engineer

(R.B. Ram)

(N.A. Khan)
Executive Engineer