

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

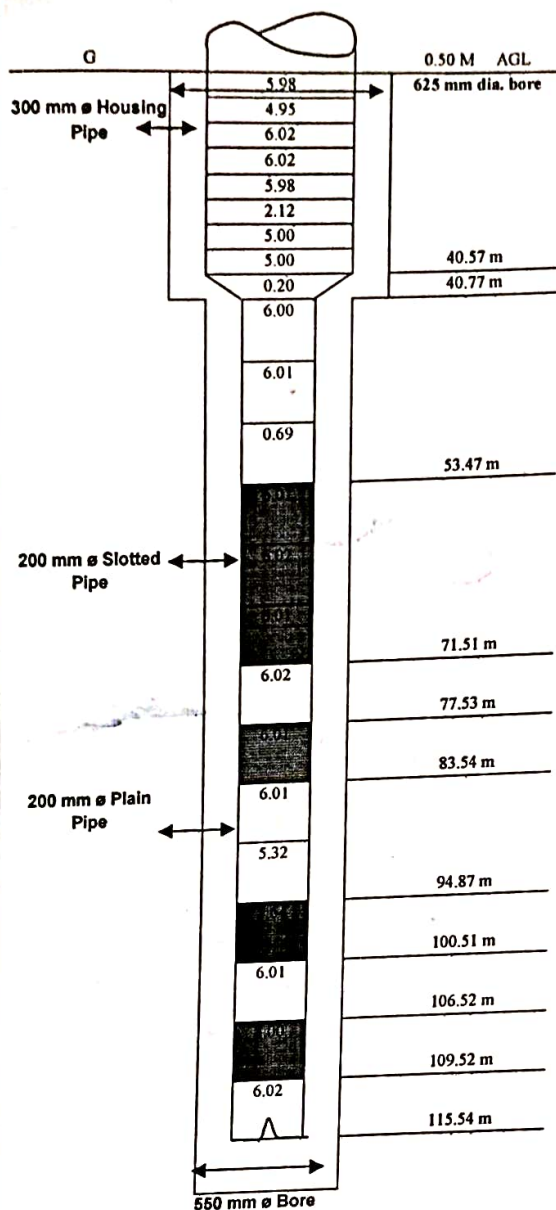
(107)

**Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Sisotar
water supply scheme, Block-Navanagar, District- Ballia.**

(Not to Scale)

Date - 21-07-2016

Detail of Strata



AGL + BGL
0.5 + 115.54 = 116.04 mts.

Detail of Lowering

1	Drilling depth	266 mts.
2	Total housing pipe dia 300 mm	41.07 mt.
3	Total Plain pipe dia 200 mm	42.08 mt.
4	Total Slotted pipe dia 200mm	32.69 mt.
5	Size of assembly lowering	300mmø x 200 mmø
6	M.S. Reducer 300mmø x 200 mmø	0.20 mt.
8	BGL	115.54 mt.
9	Total Length of assembly	116.04 mt.

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	10.63	10.63	Surface Clay
10.63	27.43	16.8	Fine Sand with kankar
27.43	32.01	4.58	Clay
32.01	41.15	9.14	Fine Sand
41.15	74.69	33.54	Fine to M. Sand
74.69	77.74	3.05	Clay kankar
77.74	83.84	6.1	Fine to M. Sand
83.84	92.98	9.14	Clay kankar
92.98	96.00	3.02	V. Fine Sand
96.00	102.13	6.13	V. Fine with Kankar
102.13	105.18	3.05	Clay kankar
105.18	109.75	4.57	Fine Sand with kankar
109.75	122.00	12.25	Clay
122.0	127.50	5.5	V.V Fine Sand
127.50	140.0	12.5	Clay

Date 13-07-2016

Logging Report

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	40.0---72.0	32.0	Good all
2	72.0---84.0	07.0	
3	94.0---101.0	07.0	
4	105.0---110.0	05.0	
5	123.0---127.0	04.0	

Note

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Date of Test : - 02-09-2016

Discharge measured by 90° "V" Notch.

Sl. No	Discharge		Air Pressure in Kg/cm ²		Depression in		Starting Sand in P.P.M.	Sand contents in P.P.M. After				Remark
	In Inches	In L.P.M	Startin g	Runni ng	Kg/c m ²	mts		5Min	10Min	15Min	20Min	
1	10	2740	11.0	10.5	0.5	5.00	5000	800	200	100	50	

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- 150mm. x125 mm. size. Date of Test :- 21-09-2016

Sl. No.	Discharge		Water level in mts.		Depre ssion in meters	Sand contents in P.P.M. After				Remark
	In Inches	In L.P.M	Running	Static		Starting	5 Min	10 Min	15 Min	
1	10	1500	6.85	3.50	3.35	50	30	Tr	Cl	Recommended Discharge 1500 LPM after 5 min. in by pass.
2	19	2000	7.50	3.50	4.00	100	30	Tr	Cl	
3	28	2500	8.45	3.50	4.95	150	50	30	Tr	

(M/s Harishchandra Singh)
Gorakhpur
Contractor

(J. Ranjan)
J. E.

(M.A.U. Ansari)
Assistant Engineer

(N.A. Khan)
Executive Engineer