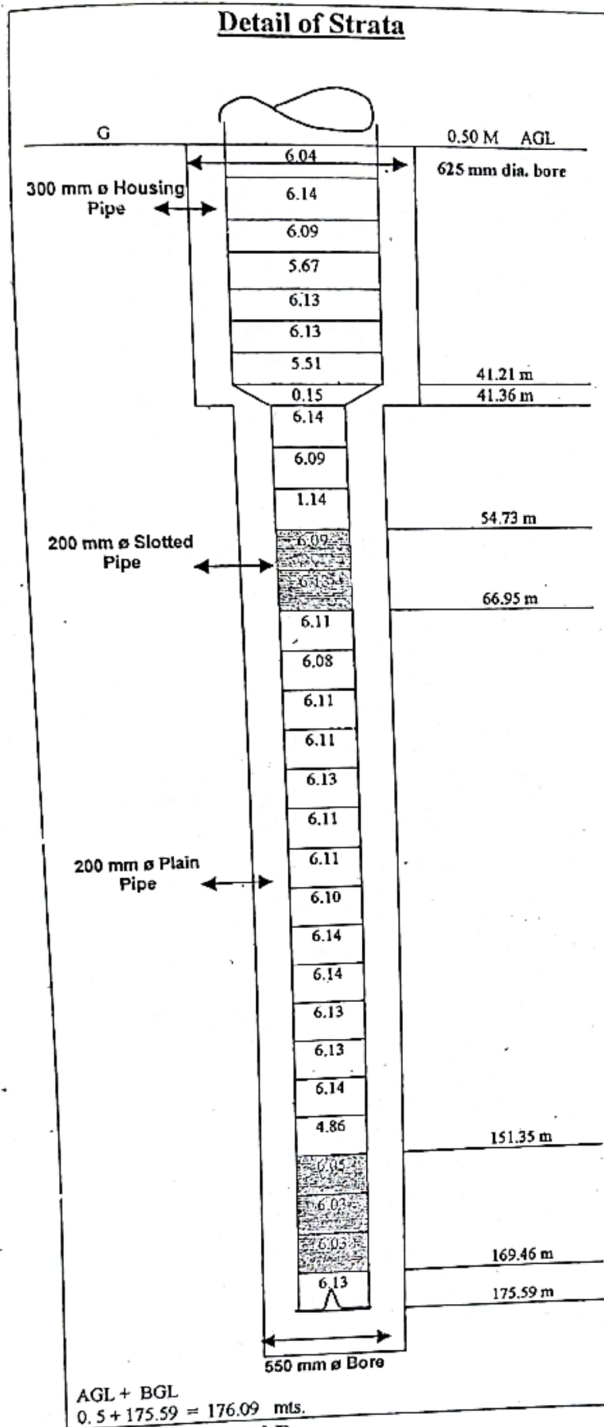


OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU

**Completion Plan of Actual Tube well Assembly Chart cum strata Chart For Narahi
water supply scheme, Block- Nagra , District- Ballia.(World Bank)**

(Not to Scale)



Detail of Lowering

Date - 05-10-2015		
1	Drilling depth	185 mts.
2	Total housing pipe dia 300 mm	41.71 mt.
3	Total Plain pipe dia 200 mm	103.90 mt
4	Total Slotted pipe dia 200mm	30.33 mt.
5	Size of assembly lowering	300mmø x 200 mmø
6	M.S. Reducer 300mmø x 200 mmø	0.15 mt.
7	AGL	0.50 mt.
8	BGL	175.59 mt.
9	Total Length of assembly	176.09 mt.

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	3	3	Clay
3	15	12	Very Very Fine Sand
15	24	9	Fine to Medium Sand
24	40	16	Clay
40	43	3	Fine Sand
43	52	9	Clay
52	55	3	Fine Sand
55	67	12	Fine to medium Sand Stone
67	98	31	Clay with Kankar
98	110	12	Very very Fine Sand with Kankar
110	151	41	Clay with Kankar
151	171	20	Fine to Medium Sand
171	185	15	Clay

Logging Report

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	54.0 - 70.0	16.0	Good all
2	100.0 - 107.0	7.0	
3	150.0 - 170.0	20.0	

Date 29-09-2015

TEST REPORT OF T.W. DEVOLOPMENT BY AIR COMPRESSOR

Date of Test : - 19-01-2016

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	9	2107	17.00	16.25	0.75	7.50	4000	1000	500	150	1500	

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

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

Date of Test :- 28-03-2016

Discharge measured by orifice meter- 150mm. x125 mm. size.

Sl. No.	Discharge		Water level in mts.		Depress ion in meters	Sand contents in P.P.M. After					Remark
	In Inches	In L.P.M	Running	Static		Starting	After				
							5 Min	10 Min	15 Min	20 Min	
1	7	1200	7.40	4.00	3.40	300	Tr	Cl	Cl	Cl	
2	11	1550	8.01	4.00	4.01	500	30	Cl	Cl	Cl	
3	15	1800	8.70	4.00	7.40	600	50	Tr	Cl	Cl	
4	21	2100	9.40	4.00	5.40	700	100	50	20	Cl	
	26	2400	10.30	4.00	6.30	800	150	50	30	20	

Recommended discharge 1550 LPM after 10 Min. in by pass.

AGL + BGL
0.5 + 175.59 = 176.09 mts.

Proposed By **(M/S. Abarar Ahmad)**
Ballia
Contractor

Recommended By **(S.K. Yadav)**
J. E.

(M.A.U. Ansari)
Assistant Engineer

Approved **(N.A. Khan)**
Executive Engineer