

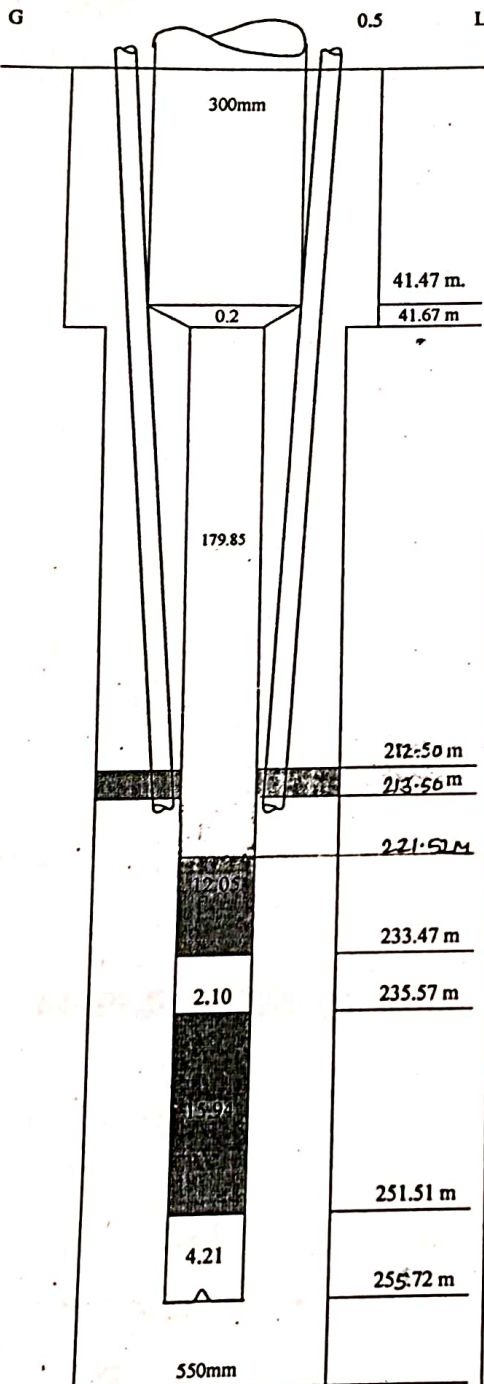
OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST. DIV. (E&M)

U.P. JAL NIGAM, MAU

(108)

Completion Plan of Tube well Assembly Chart cum strata Chart For Gangapur water supply scheme, Block- Bairiya, District- Ballia

(Not to Scale)



Details of T/W Assembly Lowered Date : -

1	Total M.S. Housing pipe size 300 mm dia	41.97 m.
2	M.S. Reducer size 300 mm x 200 mm dia	1 NO.
3	Total M.S. Plain Pipe size 200 mm dia	186.06 m
4	Total M.S. Slotted pipe size 200 mm dia	27.99 m
5	Total Length of T.W. Assembly	256.22 m

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	16	16	Clay
16	58		Fine Sand
58	70		Fine Sand With Stone
70	107		Fine Sand
107	116		Fine Sand With Stone
116	153		Fine Sand with gravel
153	192		Very Fine Sand
192	213		Caving Clay
213	238		Fine to Medium Sand
238	241		Fine to Medium Sand with Sand Stone Kankar
241	253		Fine to Medium Sand
253	275		Clay

Details of Logging Date: -

SLN.	Zones (mbgl)	Thicknees (mts.)	Remark
1	35.0 - 93.0	58.0	Good
2			
3	210.0 - 223.0	13.0	
4	230.0 - 252.0	29.0	

Sr. Geophysicist/ Manager Ground Water

Zone Testing done at following depth

S. N.	Zones (mbgl)	Result
1	04.0 m. 115.0 m.	200 PPB
2	115.0 m. 192.0 m.	90 PPB
3	213.0 m. 253.0 m.	5 PPB Satisfactory

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° "V" Notch.

Date of Test : - 26-10-2015

Sl. No	Discharge		Air Pressure in Kg/cm ²		Depressio n in mts	Startin g Sand in P.P.M.	Sand contents in P.P.M. After				Remark	
	In Inches	In L.P.M	Starti ng	Runni ng			Kg/c m ²	5Min	10Min	15Min		20Min
1	10	2740	26	25	1.0	10	2000	800	500	200	100	
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- 150 x125 mm size. Date of Test : - 19-11-2015

Sl. No.	Discharge		Water level in mts.		Depre ssion in meter s	Sand contents in P.P.M.					Remark
	In Inches	In L.P.M	Runni ng	Static		Starti ng	After				
							5Min	10 Min	15 Min	20 Mi	
1	10	1500	9.40	5.40	4.00	50	Cl	Cl	Cl	Cl	Recomman ded discharge 1500 LPM after 5 Min. in by pass.
2	15	1800	10.30	5.40	4.90	100	30	Cl	Cl	Cl	
3	21	2100	11.30	5.40	5.95	200	50½	Tr	Cl	Cl	
4	28	2500	12.60	5.40	7.20	300	75	50	Tr	Tr	

Ms

J.E.

Assistant Engineer

Executive Engineer