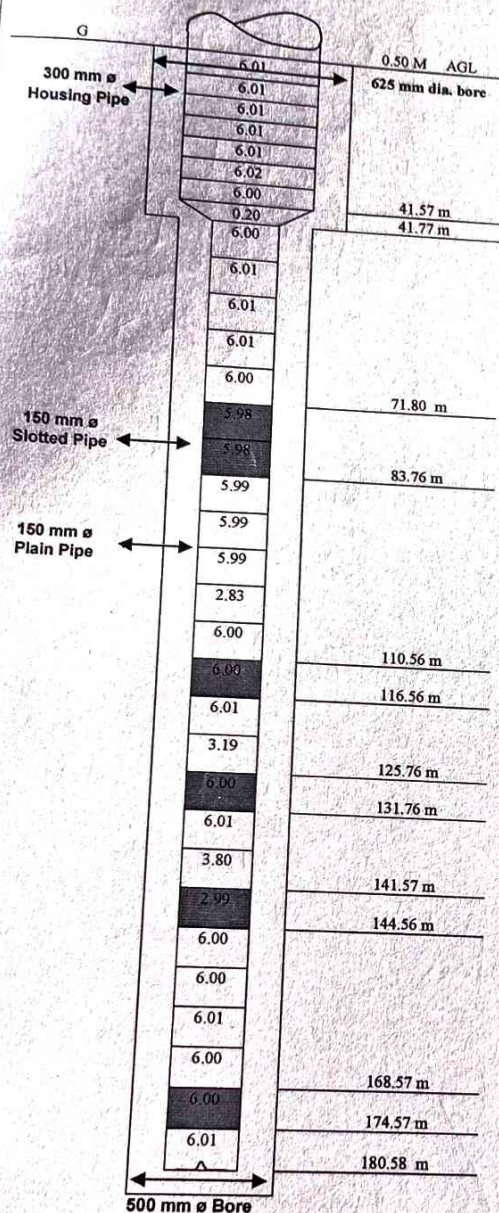


OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU.

Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Jagdishpur water supply scheme, T.W. No-1 Block- Mirzapur, District- Azamgarh.

Detail of Strata

(Not to Scale)



AGL + BGL
 0.50 + 180.58 = 181.08 mts.

Detail of Lowering

Date- 29-12-2016

1	Drilling depth	275 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 300 mm	42.07 mt.
4	Total Plain pipe dia 150 mm	105.86 mt.
5	Total Slotted pipe dia 150 mm	32.95 mt.
6	Size of assembly lowering	300mmø x 150 mmø
7	300mmø x 150 mmø M.S. Reduser	0.20 mt

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	3	3	Surface Clay
3	34	31	Clay
34	65	31	Sandy Clay with Kankar
65	89	24	Find Sand with Kankar
89	120	31	Fine Sand
120	132	12	Fine Sand Intermixed with Kankar
132	163	31	Fine Sand
163	188	25	Fine Sand Intermixed with Kankar
188	275	87	Clay

Logging Report

Date 15-12-2016

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	69.0---85.0	16.0	Good all
2	110.0---117.0	7.0	
3	122.0---135.0	13.0	
4	141.0---145.0	4.0	
5	165.0---175.0	10.0	

Note - No suitable zones were encountered below 175.0 mbgl till depth logged.

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° "V" Notch.

Date of Test :- 18-03-2017

Date of Test :- 18-03-2017												
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		5 Min	10 Min	15 Min	20 Min	
1	10	2740	13.00	12.00	1.00	10	9500	5000	1400	800	500	
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- 150mm. x125 mm. size.

Date of Test :- 30-03-2017

Sl. No.	Discharge		Water level in mts.		Depre ssion in meters	Sand contents in P.P.M.					Remar k
	In Inches	In L.P.M.	Runnin g	Static		Starting	After				
							5 Min	10 Min	15 Min	20 Min	
1	8	1324	9.70	5.50	4.20	300	100	50	25	Tr	
2	7	1230	9.10	5.50	3.60	200	50	25	Tr	Cl	
3	5	1060	8.80	5.50	3.30	100	Tr	Cl	Cl	Cl	

Recommended Discharge 900 LPM after 10 min. in by pass.

For YU/PAL CONSTRUCTION
 (M/s. Yuvraj Construction)
 Lucknow, Contractor
 Proprietor

(S.K. Yadav)
 J. E.

(V.K. Singh)
 Assistant Engineer

(N.A. Khan)
 Executive Engineer