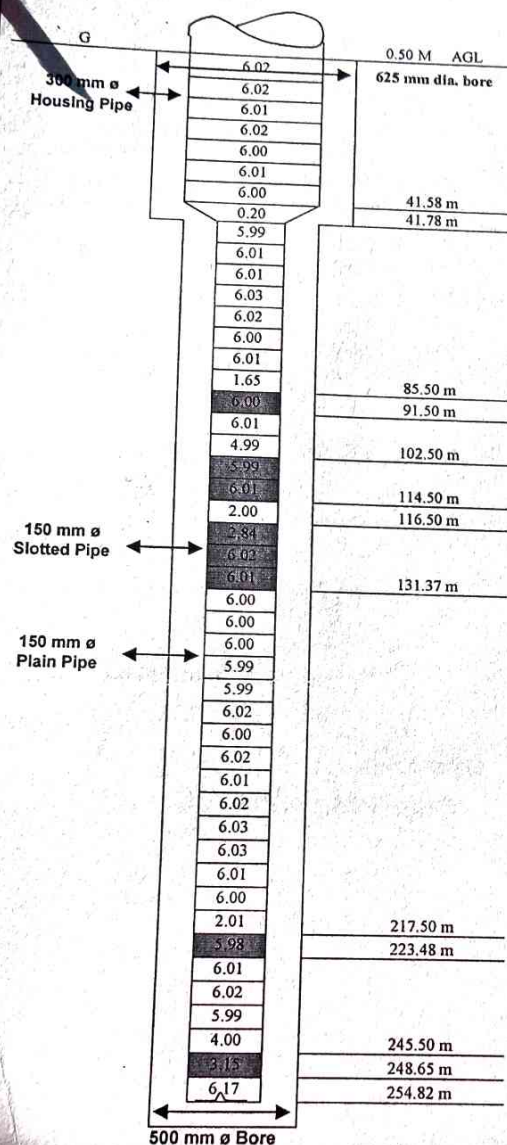


OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU.

Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Tamauli
Gram Panchayat water supply scheme, District- Azamgarh.

Detail of Strata



AGL + BGL
 0.50 + 254.82 = 255.32 mts.

Detail of Lowering Dated

(Not to Scale)

		Date- 26-10- 2016
1	Drilling depth	275 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 300 mm	42.08 mt.
4	Total Plain pipe dia 150 mm	171.04 mt.
5	Total Slotted pipe dia 150 mm	42.00 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	33	30	Sandy Clay
33	36	3	Fine Sand
36	48	12	Sandy Clay
48	60	12	Clay Kankar
60	72	12	Fine Sand
72	80	8	Kankar Clay
80	114	34	Fine Sand with Kankar
114	138	24	Fine to Medium Sand with Kankar
138	144	6	Fine Sand with Kankar
144	195	51	Kankar Clay
195	210	15	Very Very Fine Sand
210	227	17	Fine Sand
227	230	3	Clay Kankar
230	240	10	Very Very Fine Sand
240	260	20	Fine Sand
260	275	15	Clay Kankar

Logging Report

Date 23-09-2016

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	85.0----92.0	7.0	Good (1-2)
2	102.0----132.0	30.0	
3	194.0----198.0	4.0	Moderate(3-8)
4	201.0----205.0	4.0	
5	208.0----212.0	4.0	
6	217.0----224.0	7.0	
7	232.0----235.0	3.0	
8	245.0----250.0	5.0	

Note - Sl.Nos. 1 & 3 to 8 are very fine sand intermixed with kankar.

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° "V" Notch.

Date of Test : - 04-12-2016

Discharge measured by 50 V Notch.						Date of Test :- 04-12-2016						
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	12.25	0.75	7.50	8000	2800	1200	900	700	
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 :- 28-12-2016

Sl. No.	Discharge		Water level in mts.		Depre ssion in meters	Starting	Sand contents in P.P.M. After				Remar k
	In Inches	In L.P.M	Runnin g	Static			5 Min	10 Min	15 Min	20 Min	
1	8	1324	8.56	3.96	4.60	300	100	50	Tr	Tr	
2	7	1230	8.01	3.96	4.05	200	75	50	25	Tr	
3	6	1135	7.46	3.96	3.50	150	50	25	Tr	Cl	
4	5	1060	7.06	3.96	3.10	100	Tr	Cl	Cl	Cl	

Recommended Discharge 1000 LPM after 10 min. in by pass.

Drillers & Developers
 (M/s C.T.P. Drillers & Developers) Lucknow Contractor

(S.K. Yadav)
 J. E.

(V.K. Singh)
 Assistant Engineer

(N.A. Khan)
 Executive Engineer