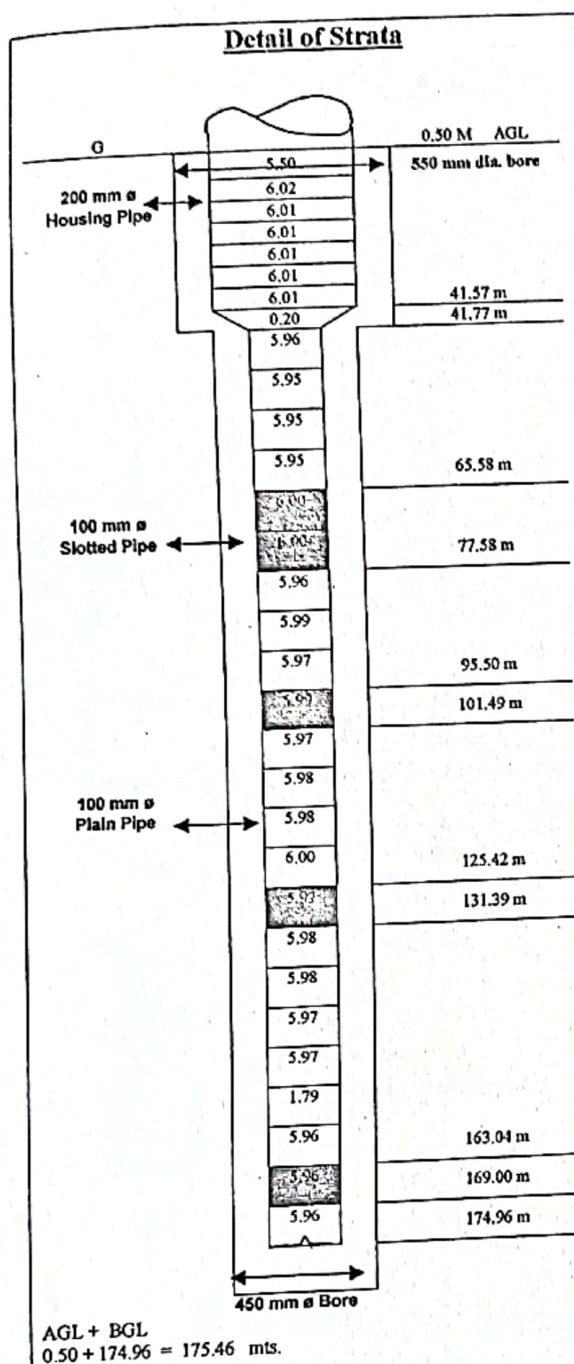


OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU

Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Sarwa water supply scheme, Block- Kopagani, District- Mau.

(Not to Scale)



Detail of Lowering

Date- 20-12-2016

1	Drilling depth	200 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 200 mm	42.07 mt.
4	Total Plain pipe dia 100 mm	103.27 mt.
5	Total Slotted pipe dia 100 mm	29.92 mt.
6	Size of assembly lowering	200mm x 100 mm
7	200mm x 100 mm M.S. Reducer	0.20 mt.

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0.00	9.00	9.00	Surface Clay
9.00	12.00	3.00	Clay
12.00	24.00	12.00	Kankar Clay
24.00	64.00	40.00	Clay
64.00	79.00	15.00	Very Fine Sand
79.00	95.00	16.00	Clay
95.00	104.00	9.00	Kankar Mixed with very Fine Sand
104.00	122.50	18.50	Clay
122.50	128.50	6.00	Kankar
128.50	132.00	3.50	V.V. Fine Sand
132.00	147.00	15.00	Hard Clay
147.00	156.00	9.00	Kankar Clay
156.00	162.00	6.00	Clay
162.00	170.00	8.00	Kankar with Very Fine sand
170.00	200.00	30.00	Clay

Logging Report

Date 09-12-2016

SL.N.	Depth Range (mbgl)	Thickness (m)	Remark
1	40.0—47.0	7.0	Good all
2	65.0—78.0	13.0	
3	80.0—85.0	5.0	
4	95.0—102.0	7.0	
5	104.0—108.0	4.0	
6	115.0—120.0	5.0	
7	125.0—132.0	7.0	
8	135.0—140.0	5.0	
9	162.0—172.0	10.0	

Note. SL.No.1 is kankar intermixed and SL.No. 9 is very fine sand intermixed with kankar.

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° "V" Notch. Date of Test : - 29-05-2017

Sl. No.	Discharge		Air Pressure in Kg/cm ²		Depression in mts	Starting Sand in P.P.M.	Sand contents in P.P.M. After				Remark
	In Inches	In L.P.M	Startin g	Runnin g			5Min	10Min	15Min	20Min	
1	6½	945	16.50	15.70	0.80	36000	12000	6000	4000	3500	
2	6	775	16.50	15.90	0.60	28000	10000	5000	3000	2500	

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 : - 19-07-2017

Sl. No.	Discharge		Water level in mts.		Depres sion in meters	Sand contents in P.P.M. After					Remark
	In Inches	In L.P.M	Running	Static		Starting	After				
							5Min	10 Min	15 Min	20 Min	
1	7	1143	13.10	8.00	5.10	600	200	150	100	50	
2	6½	946	11.80	8.00	3.80	300	100	75	50	Tr	
3	6	776	10.70	8.00	2.70	200	70	50	Tr	Cl	
4	5½	628	10.20	8.00	2.20	150	50	Tr	Cl	Cl	

Recommended discharge 400 LPM at 2.00 depression after 15 Min. in by pass.

8. Harish Chandra Singh

(Signature)
Manager
 (M/s Harishchandra Singh)
 Gorakhpur
 Contractor

(Signature)
(Surendra Yadav)
 J. E.

(Signature)
(S.N. Singh)
 Assistant Engineer

(Signature)
(N.A. Khan)
 Executive Engineer