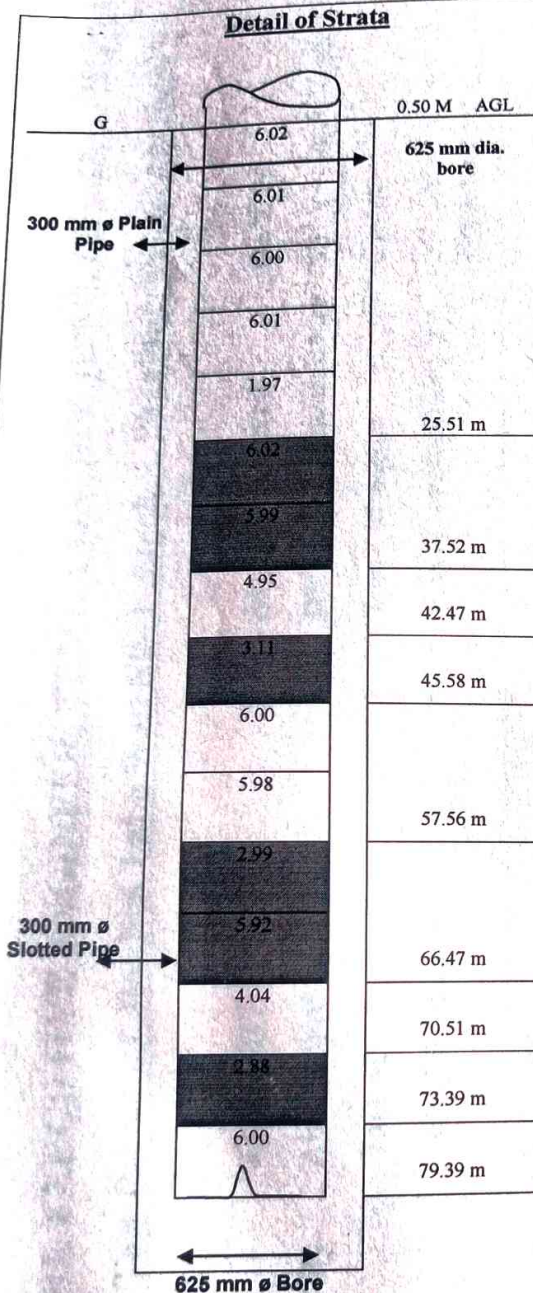


**OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU.**

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

(Not to Scale)



AGL + BGL
0.50 + 79.39 = 79.89 mts.

Detail of Lowering

Dated- 14-04-2017

1	Drilling depth	95 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total Plain pipe dia 300 mm	52.98 mt.
5	Total Slotted pipe dia 300 mm	26.91 mt.
6	Size of assembly lowering	300 mmø x 300 mmø

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	3	3	Surface Clay
3	21	18	Clay
21	38	17	Kankar with Fine Sand
38	42	4	Clay
42	66	24	Kankar with Very Fine Sand
66	72	6	Clay
72	90	18	Kankar with Very Fine Sand
90	95	5	Clay

Logging Report

Date 07-04-2017

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	25.0 - 40.0	15.0	Good, Fine sand kankar intermixed
2	42.0 - 46.0	4.0	Good, Fine sand kankar intermixed
3	57.0 - 67.0	10.0	Good, Fine sand kankar intermixed
4	70.0 - 74.0	4.0	Good, Fine sand kankar intermixed

Note. Quality of the formation water is deteriorating marginal to saline below 75.0 mbgl till depth logged.

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° "V" Notch.

Date of Test : - 02-05-2017

Sl. No.	Discharge		Air Pressure in Kg/cm ²		Depression in		Startin g 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	6	776	6.75	6.00	0.75	7.50	9200	1400	950	500	350	

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 :- 03-06-2017

Sl. No.	Discharge		Water level in mts.		Depression in meters	Sand contents in P.P.M. After					Remark
	In Inches	In L.P.M	Runnin g	Static		Starting	5 Min	10 Min	15 Min	20 Min	
1	9	1350	14.20	7.90	6.30	600	350	200	50	50	
2	7	1200	13.40	7.90	5.50	350	150	50	25	Tr	
3	5	1000	12.70	7.90	4.80	200	50	25	Tr	Cl	
4	3	800	12.10	7.90	4.20	250	Tr	Cl	Cl	Cl	

Recommended Discharge 600LPM after 10 min. in by pass.

M/s Harish Chandra Singh

Manager

(M/s Harish chandra Singh)
Gorakhpur Contractor

(S.K. Yadav)
J. E.

(V.K. Singh)
Assistant Engineer

(N.A. Khan)
Executive Engineer