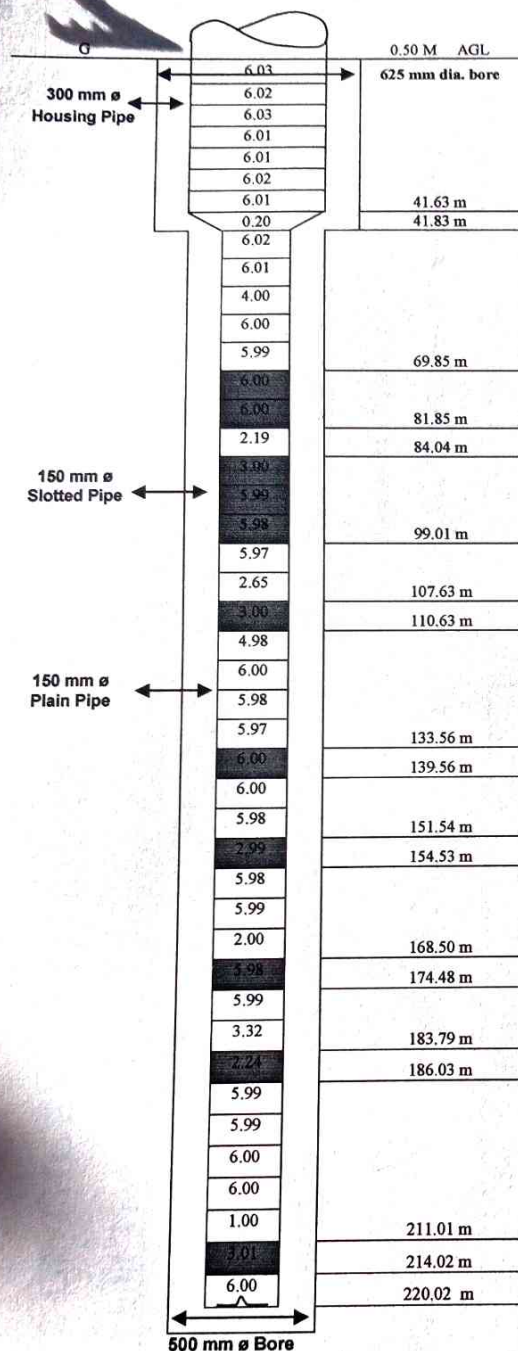


OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU.

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

(Not to Scale)

Detail of Strata



Detail of Lowering

Date- 20-01-2017

1	Drilling depth	275 mts
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 300 mm	42.13 mt.
4	Total Plain pipe dia 150 mm	128.00 mt.
5	Total Slotted pipe dia 150 mm	50.19 mt.
6	Size of assembly lowering	300mm ϕ x 150 mm ϕ
7	300mm ϕ x 150 mm ϕ M.S. Reduser	0.20 mt

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0	4	4	Surface Clay
4	33	29	Fine Sand
33	39	6	Medium Sand
39	68	29	Fine Sand with Kankar Clay
68	113	45	Medium Sand
113	119	6	Fine Sand
119	220	101	Fine Sand with Kankar
220	275	55	Clay Kankar

Logging Report

Date 12-01-2017

SL.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	65.0-----100.0	35.0	Good all
2	107.0-----111.0	4.0	
3	130.0-----140.0	10.0	
4	150.0-----155.0	5.0	
5	168.0-----175.0	7.0	
6	183.0-----187.0	4.0	
7	210.0-----215.0	5.0	

Note - Sl. Nos. 2 to 7 are kankar intermixed. No suitable zones were encountered below 215.0 mbgl till depth logged.

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° "V" Notch.

Date of Test : - 08-03-2017

Discharge measured by 90° Nozzle.												
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	17.5	16.00	1.5	15	10000	5500	1800	1000	600	
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 :- 21-03-2017

Date of Test: 21-05-2017

Sl. No.	Discharge		Water level in mts.		Depression in meters	Sand contents in P.P.M.					Remarks
	In Inches	In L.P.M	Running	Static		Starting	After				
							5 Min	10 Min	15 Min	20 Min	
1	8	1324	10.55	6.10	4.45	300	150	50	25	Tr	
2	7	1230	10.15	6.10	4.05	200	50	Tr	Cl	Cl	
3	5	1060	9.75	6.10	3.65	100	Tr	Cl	Cl	Cl	

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

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

For, **Yashwanth Construction**
 Lucknow, Contractor
Proprietor

(S.K. Yadav)
 J. E.

(V.K. Singh)
 Assistant Engineer

(N.A. Khan)
 Executive Engineer