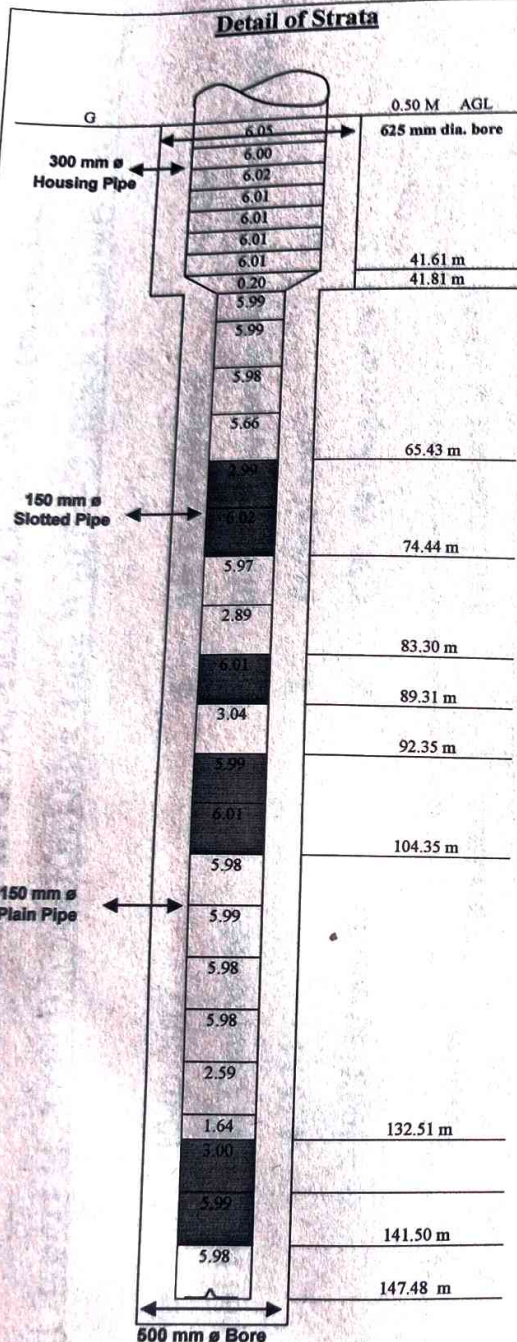


**OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU.**

**Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Arazi Dewara
Karkhiya water supply scheme, T.W. No-2 Block- Haraiya, District- Azamgarh.**

(Not to Scale)



Detail of Lowering Dated

Date- 11.01.2017

1	Drilling depth	150 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 300 mm	42.11 mt.
4	Total Plain pipe dia 150 mm	69.66 mt.
5	Total Slotted pipe dia 150 mm	36.01 mt.
6	Size of assembly lowering	300mm x 150 mm
7	300mm x 150 mm 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	27	24	Fine to Medium Sand
27	30	3	Kankar
30	33	3	Fine Sand
33	54	21	Clay
54	65	11	Clay Kankar
65	96	31	Medium Sand
96	105	9	Fine Sand with Kankar
105	129	24	Clay Kankar
129	132	3	Sandy Clay
132	143	11	Medium Sand
143	150	7	Clay Kankar

Logging Report

Date 03-01-2017

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	65.0-----75.0	10.0	Good all
2	81.0-----105.0	24.0	
3	109.0-----113.0	4.0	
4	119.0-----123.0	4.0	
5	132.0-----142.0	10.0	

Note - Sl.No. 3 & 4 are fine sand intermixed with kankar.

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° "V" Notch.

Date of Test : - 10-05-2017

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	9	2107	10.50	9.40	1.10	11.0	8800	1200	800	500	300	

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 :- 07-06-2017

Sl. No.	Discharge		Water level in mts.		Depre ssion in meters	Starting	Sand contents in P.P.M.				Remark
	In Inches	In L.P.M	Runnin g	Static			5 Min	10 Min	15 Min	20 Min	
1	8	1324	9.30	4.50	4.80	300	150	50	Tr	Tr	
2	7	1230	8.65	4.50	4.15	200	75	50	Tr	Cl	
3	6	1135	8.05	4.50	3.55	100	50	25	Tr	Cl	
4	5	1060	7.45	4.50	2.95	50	Tr	Cl	Cl	Cl	

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

AGL + BGL
0.50 + 147.48 = 147.98 mts.

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