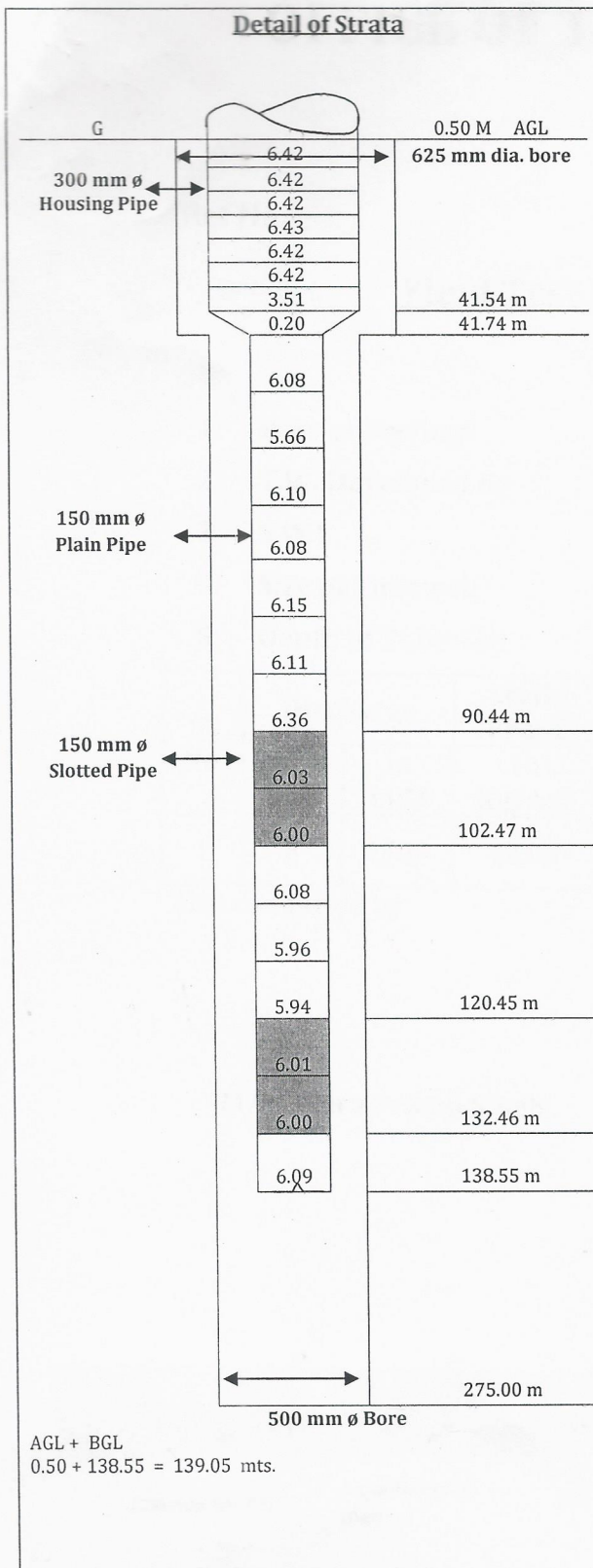


Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Naghar water supply scheme, Block- Rasra, District- Ballia, (Under Programme- N.W.O.S.M.)

(Not to Scale)



Detail of Lowering

Date- 13-08-2022

1	Drilling depth	275 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 300 mm	42.04 mt.
4	300mmø x 150 mmø M.S. Reduser	0.20 mt
5	Total Plain pipe dia 150 mm	72.77 mt.
6	Total Slotted pipe dia 150 mm	24.04 mt.
7	Size of assembly lowered	300mmø x 150 mmø

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0.00	18.00	18.00	Surface Clay
18.00	39.00	21.00	Sandy Clay with kankar
39.00	58.00	19.00	Clay
58.00	72.00	14.00	Fine Sand
72.00	89.00	17.00	Clay with Kankar
89.00	103.00	14.00	Fine Sand
103.00	119.00	16.00	Clay
119.00	133.00	14.00	Fine Sand
133.00	149.00	16.00	Clay with Kankar
149.00	172.00	23.00	Clay
172.00	178.00	6.00	Very Fine Sand with Clay Kankar
178.00	199.00	21.00	Clay
199.00	219.00	20.00	Clay Kankar
219.00	225.00	6.00	Fine to M. Sand
225.00	248.00	23.00	Clay
248.00	275.00	27.00	Clay Kankar

Logging Report

Date 15-07-2022

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	53.0 - 53.0	3.0	Clay
2	58.0 - 72.0	14.0	Good
3	73.0 - 78.0	5.0	Clay
4	82.0 - 86.0	4.0	Good
5	87.0 - 89.0	2.0	Clay
6	90.0 - 103.0	13.0	Good
7	106.0 - 112.0	6.0	Clay
8	120.0 - 133.0	13.0	Good
9	139.0 - 142.0	3.0	Clay
10	167.0 - 169.0	2.0	Clay
11	173.0 - 177.0	4.0	Good, very fine sand kankar intermixed
12	208.0 - 214.0	6.0	Clay
13	220.0 - 224.0	4.0	Good

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° "V" Notch.

Date of Test : - 29-09-2022

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	Starting	Runni ng	Kg/c m ²	mts		5 Min	10 Min	15 Min	20 Min	
1	8	1500	13.00	12.50	0.50	5.00	6000	2500	2200	2000	1600	

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- 5"x6" size.

Date of Test :- 19-10-2022

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	10	1487	10.57	6.00	4.57	300	100	50	Tr	Tr	
2	8	1374	9.54	6.00	3.54	100	Tr	Cl	Cl	Cl	
3	5	1060	8.93	6.00	2.93	50	Tr	Cl	Cl	Cl	

Recommended Discharge 650 LPM after 10 min. in by pass.

M/s Rudra Pratap Singh
Contractor

(J.Ranjan)
J. E.

(P.C. Gupta)
Assistant Engineer

(J.K. Gupta)
Executive Engineer