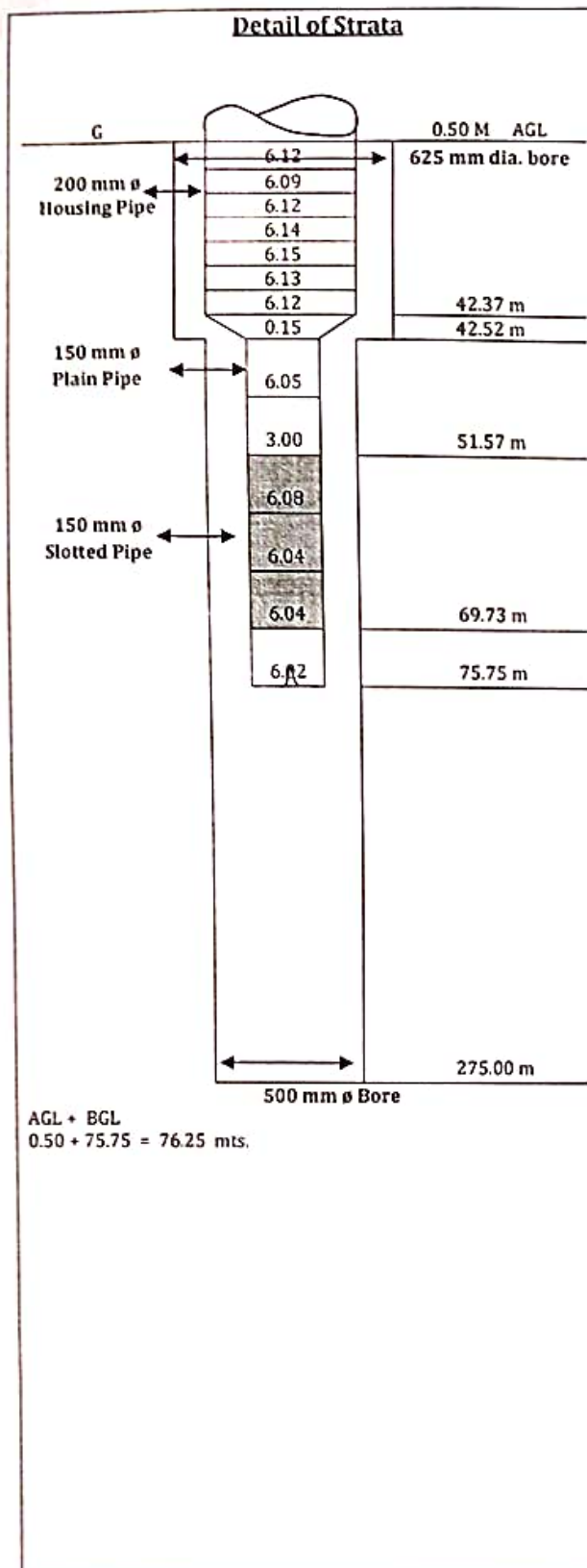


Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Kushaha Rashidpur water supply scheme, Block- Siyar, District- Ballia. (Under Programme- N.W.Q.S.M.)

(Not to Scale)



Detail of Lowering

Date- 23-09-2021

1	Drilling depth	275 mts.
2	Drilling by contractor	D.C. Rig M/C
3	Total housing pipe dia 200 mm	42.87 mt.
4	200mm x 150 mm M.S. Reduser	0.15 mt.
5	Total Plain pipe dia 150 mm	15.07 mt.
6	Total Slotted pipe dia 150 mm	18.16 mt.
7	Size of assembly lowered	200mm x 150 mm

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0.00	6.00	6.00	Surface Clay
6.00	18.00	12.00	Sandy Clay
18.00	30.00	12.00	Fine Sand
30.00	72.00	42.00	Fine to M. Sand
72.00	78.00	6.00	V. Fine Sand
78.00	90.00	12.00	Clay
90.00	96.00	6.00	Kankar Clay
96.00	102.00	6.00	V. Fine Sand Kankar Intermixed
102.00	108.00	6.00	Clay with Kankar
108.00	114.00	6.00	Clay
114.00	126.00	12.00	V. Fine Sand Kankar Intermixed
126.00	210.00	84.00	Kankar Clay
210.00	240.00	30.00	Sandy Clay
240.00	246.00	6.00	Clay
246.00	260.00	14.00	Fine Sand
260.00	275.00	15.00	Clay

Logging Report

Date 07-07-2021

SLN.	Depth Range (mbgl)	Thicknees (m)	Remark
1	40.0 - 70.0	30.0	Good, Kankar Intermixed
2	82.0 - 86.0	4.0	CLAY
3	97.0 - 100.0	3.0	Good, very Fine sand Kankar Intermixed
4	113.0 - 115.0	2.0	CLAY
5	116.0 - 121.0	5.0	Good, very Fine sand Kankar Intermixed
6	242.0 - 244.0	2.0	CLAY
7	250.0 - 256.0	6.0	Good

Zone Testing done at following depth

S. N.	Zones (In meter)	Ars. mg/l	Ir. mg/l	Fl. mg/l	Result
1	250.0 - 256.0	0.0010	0.086	1.61	Not Satisfactory
2	116.0 - 121.0	0.0011	0.094	0.79	Satisfactory
3	40.0 - 70.0	0.0020	0.222	0.67	Satisfactory

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° V Notch.

Date of Test :- 28-10-2021

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.	Starting	Runni ng	Kg/c m ²	mts		5 Min	10 Min	15 Min	20 Min	
1	8	1500	7.5	7.0	0.50	5.00	6000	2500	1500	1000	600	

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- 4"x3" size.

Date of Test :- 07-12-2021

Sl. No.	Discharge		Water level in mts		Depres sion in meters	Starting	Sand contents in P.P.M. After				Remar k
	In Inches	In L.P.M.	Running	Static			5 Min	10 Min	15 Min	20 Min	
1	30	870	5.10	2.50	3.60	100	50	Tr	Tr	Tr	
2	20	707	4.90	2.50	3.40	50	Tr	Tr	Tr	Cl	
3	10	613	4.70	2.50	3.20	Tr	Tr	Cl	Cl	Cl	

Recommended Discharge 400 LPM after 10 min. In by pass.

M/s Riya Enterprises Ballia
Contractor

(J. Ranjan)
J. E.

(B.S. Kushawaha)
Assistant Engineer

(K. Gupta)
Executive Engineer