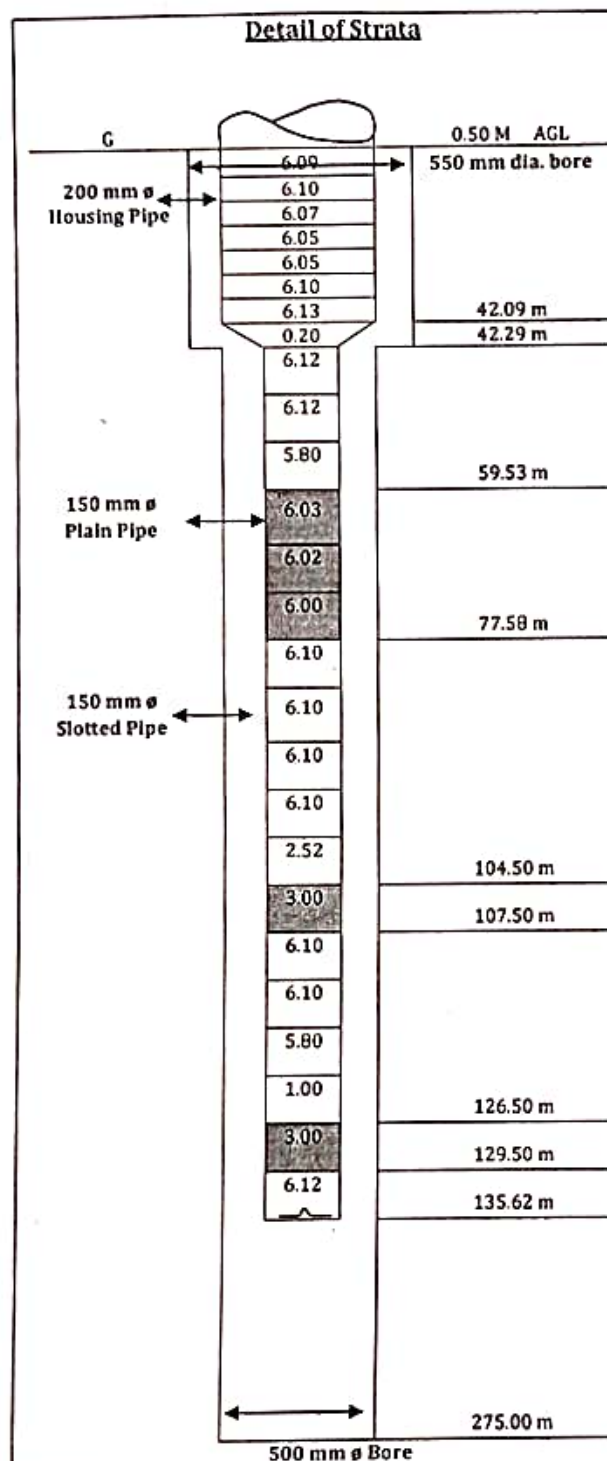


OFFICE OF THE EXECUTIVE ENGINEER DIVISION OFFICE(E&M) U.P. JAL NIGAM(RURAL), MAU
Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Khatanga math
Ramgiri water supply scheme, Block- Navanagar, District- Ballia. (Under Programme-
N.W.Q.S.M.)

(Not to Scale)



AGL + BGL
 0.50 + 135.62 = 136.12 mts.

Detail of Lowering Date- 12-09-2022

1	Drilling depth	275 mts.
2	Drilling by contractor	D.C Rig M/C
3	Total housing pipe dia 200 mm	42.59 mt.
4	200mm ϕ x 150 mm ϕ M.S. Reduser	0.20 mt.
5	Total Plain pipe dia 150 mm	69.28 mt.
6	Total Slotted pipe dia 150 mm	24.05 mt.
7	Size of assembly lowered	200mm ϕ x 150 mm ϕ

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0.00	18.00	18.00	Surface Clay
18.00	36.00	18.00	Sandy Clay with kankar
36.00	52.00	16.00	Fine to M. Sand
52.00	56.00	4.00	Fine Sand
56.00	79.00	23.00	Fine to M. Sand
79.00	103.00	24.00	Clay with Kankar
103.00	109.00	6.00	Fine Sand
109.00	124.00	15.00	Clay with Kankar Intermixed
124.00	130.00	6.00	Fine Sand
130.00	149.00	19.00	Clay
149.00	176.00	27.00	Sand with Clay Kankar
176.00	203.00	27.00	Clay
203.00	224.00	21.00	Clay Kankar
224.00	228.00	4.00	Clay with Kankar Intermixed
228.00	244.00	16.00	Fine Sand
244.00	275.00	31.00	Clay Kankar

Logging Report Date 22-08-2022

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	38.0 - 52.0	14.0	Good
2	56.0 - 78.0	22.0	Good
3	80.0 - 82.0	2.0	Clay
4	104.0 - 108.0	4.0	Good Fine Sand
5	110.0 - 112.0	2.0	Clay
6	126.0 - 130.0	4.0	Good Fine Sand
7	131.0 - 133.0	6.0	Clay
8	224.0 - 227.0	3.0	Clay
9	229.0 - 243.0	14.0	Good

TEST REPORT OF T.W. DEVELOPMENT BY AIR COMPRESSOR

Discharge measured by 90° V Notch. Date of Test : - 30-09-2022

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	9	2350	13.00	12.50	0.50	5.00	7000	4000	3000	2000	1400	

Note- Recommended for development of T/W by O.P. Unit.

M/s Rani Construction
 Contractor

(J.Ranjan)
 J. E.

(P.C. Gupta)
 Assistant Engineer

(J.K. Gupta)
 Executive Engineer