

II CONSTRUCTION DIVISION, U.P. JAL NIGAM, ALIGARH

Tube Well No. 1 of RAJA RAJOLA Rig No./Type _____ Size of Bore 675/550 mm
Under RAJA RAJOLA w/s scheme. Type of T.W. SLOTTED J. E. Incharge N. P. SINGH
In Village _____ Block _____ Spiring Level 8.0 m A. E. Incharge S. K. AGRAWAL
Tehsil _____ Distt M. KASHI RAM NAGAR Agency M. S. SHOBHARAM PREMI MEERUT

Depth B.G.L. Meter	Stratum	Representation	Executed Assembly
3-00	CLAY		300 mm φ
15-00	FINE SAND + CLAY		
22-00	FINE TO MED. SAND		
33-00	MED. SAND	30-10 30-40	200 mm φ
45-00	SANDY CLAY	45-11 m	
64-00	F.T.O M. SAND	64-11 m	
70-00	SANDY CLAY	70-19 m	
85-00	F.TO MED.SAND	85-39 m 91-44 m	
100-00	SANDY CLAY		
110-00	CLAY		
ASPER LOGGING:-			
45 - 64 .00m — GOOD			
70 - 85 .00M — GOOD			

ASSEMBLY DETAILS

AGL Housing Pipe 0 to 0.60 M.

300 m.m. o Housing Pipe 0.60 to 30.10 M.

m.m. o Housing Pipe ... to ... M.

300 X 200 m.m. o Reducer 30.10 to 30.40 M.

200 m.m. o PLAIN PIPE 30.40 to 45.11 M.

200 m.m. o SLOTT.Pipe 45.11 to 64.11 M.

200 m.m. o PLAINPIPE 64.11 to 70.19 M.

200 m.m. o SLOTT.Pipe 70.19 to 85.39 M.

200 m.m. o PLAIN PIPE 85.39 to 91.44 M.

m.m. o Pipe ... to ... M.

m.m. o Pipe ... to ... M.

m.m. o Pipe ... to ... M.

m.m. o Pipe ... to ... M.

m.m. o Pipe ... to ... M.

FROM AGL Total Assembly 92.04 M.

M.B. No. Page No.

ABSTRACT

- Drilling Started.....
- Drilling Completed.....
- Drilling Depth..... 110.00 M.M.
- Lowering Started.....
- Lowering Completed.....
- Assembly Lowered..... 92.04

AGL 300 mm dia 0.60 m

Housing Pipe 300 m.m. dia 30.10 M.

Blind Pipe 200 m.m. dia 26.84 M.

Slotted Pipe 200 m.m. dia 34.20 M.

Reducer 307X200 mm dia 0'30 m

Size of Slott.....

M. B. No. Page No.

Remarks

Counter Signed _____

YIELD TEST REPORT BY COMPRESSOR

Date.....Static W. L.Taste of Water.....

Sl. No.	Discharge Measured By 90° V. Notch		Sand Contents in P. P. M.							Remarks
	In Inches	In L. P. M.	Start	5 Min.	10 Min.	15 Min.	20 Min.	25 Min.	30 Min.	
1	2	3	4	5	6	7	8	9	10	11

Junior Engineer

Asstt. Engineer

YIELD TEST REPORT

- | | |
|----------------------------|------------------------------|
| 1. S. W. L. 8.00 mt | 5. Type of T. W. |
| 2. Date of Test 31-07-2010 | 6. Capacity of O. P. Unit |
| 3. Taste of Water SWEET | 7. Length of Column Assembly |
| 4. Size of T. Ws | 8. Discharge Measured By |

Sl. No.	S. W. L. in Mts.	R. W. L. in Mts.	Depression in Mts.	Discharge in lpm	Sand Contents in P. P. M.							Remarks
					Start	5 Min.	10 Min.	15 Min.	20 Min.	25 Min.	30 Min.	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	8.00	14.00	6.00	1800	5500	3500	120	Tr	CL	CL	CL	
2	8.00	12.65	4.65	1500	4200	2800	800	CL	CL	CL	CL	
3	8.00	12.10	4.10	1200	3500	2000	600	CL	CL	CL	CL	

Recommended Discharge.....1500.....l pm at.....4.65.....Mt. depression.

C.N.P. SINGH
Junior Engineer

C.S.K. AGRAWAL
Asstt. Engineer

CHEMICAL TEST REPORT

Date of obtaining sample.....3.7.2010.....Collected by.....N.P. SINGH (J.E.).....Agency.....U.P.J.N. Ramghat Road ALG.

Date of test	4.7.2011	Total Hardness	104	Sulphates	14.4
Colour	Colourless	Temporary Hardness		Lead	
Odour	Odourless	Permanent Hardness		Iron	0.25
Turbidity (NTU)	0.5	Total Alkalinity (M)	304	Nitrates	0.11
Ph. Value	8.00	Alkalinity (P)		Conductivity	669.2
Total Solid		Calcium		Fluorides	0.95
Suspended Solids		Magnesium		Taste	Sweet
Dissolved Solids	333	Chlorides	17		

Remark.....water is satisfactory.....