

II CONST. DIVN. U. P. JAL NIGAM, AGRA

TUBE WELL DRILLING AND DEVELOPING DETAILS

(NEAR TEMPLE)

Tube Well No. 1 of 105 No. of Villages 1 Type Q.C. Size of bore 200 mm.
 Under K.A.M.A. Gr. of villages w/s scheme. Type of T. W. VERTICAL J. E. O. SARASWAT
 In Village MAINPURA Block GHOR Water Level 27.00 A.E. R. SAXENA
 Tehsil GHOR Distt. MAINPURA Agency MUNICIPALITY

Depth B. G. L. Meter	Stratum	Representation	Executed Assembly	ASSEMBLY DETAILS
0.0			1.02	200 mm. Dia Housing Pipe <u>1.02</u> to <u>0.00</u> M.
4.0	VER. CLAY		4.0	200 mm. Dia Housing Pipe <u>4.0</u> to <u>23.0</u> M.
23.0	FINE SAND			mm. Dia Housing Pipe.....to.....M.
28.0	SANDY CLAY		28.07	mm. Dia Reducer.....to.....M.
40.0	MED SAND		40.09	200 mm. Dia <u>SCOTCH</u> Pipe <u>28.07</u> to <u>40.09</u> M.
53.0	CLAY KANKER			200 mm. Dia <u>PLAIN</u> Pipe <u>40.09</u> to <u>54.11</u> M.
58.0	F. SAND		54.11	200 mm. Dia <u>SCOTCH</u> Pipe <u>54.11</u> to <u>57.13</u> M.
65.0	CLAY KANKER		57.13	200 mm. Dia <u>PLAIN</u> Pipe <u>57.13</u> to <u>65.15</u> M.
75.0	MED SAND		65.15	200 mm. Dia <u>SCOTCH</u> Pipe <u>65.15</u> to <u>75.45</u> M.
84.0	CLAY KANKER		75.45	mm. DiaPipe.....to.....M.
89.0	F. SAND		84.48	mm. DiaPipe.....to.....M.
92.0	CLAY		89.48	Total Assembly..... <u>95.51</u> M.
94.0	F. SAND		95.51	M. B. No. <u>78491</u>Page No <u>87, 88</u> .
100.0	CLAY			
	SANDY CLAY			
120.0				
LOGGING ON- 03-08-2014 BY GLOBAL GROUND WATER CONSULTANTS- NEW DELHI 1- 7.0 TO 23.0 5-84.07-89.07 G 2- 28.0 TO 40.0 6-92.00-94.00 O 3- 53.0 TO 58.0 4- 65.0 TO 75.0				ABSTRACT 1. Drilling Started..... 2. Drilling Completed <u>06-08-2014</u> 3. Drilling Depth..... <u>120.0</u> M 4. Lowering Started <u>06-08-2014</u> 5. Lowering Completed <u>06-08-2014</u> 6. Assembly Lowered..... <u>95.51</u> M

(D.P. SARASWAT)
J. E.

(R.N. SAXENA)
A. E.

(ASHOK KUMAR AGARWAL)
E. E.

TEST REPORT BY COMPRESSOR

Date...26-08-2014...Static W/L.....0.8.00 MT.....Test of Water...POTABLE

1418/TESTING/187/DATE-28-08-2014

Discharge in L. P. M.	Sand Contents							Remark
	Start	5min	10min	15min	20min	25min	30min	
500	8200	5100	3400	2400	1900	1800	800	

(D.D. SARASWAT) J.E. YIELD TEST REPORT BY O. P. UNIT (A.K. SAXENA) A.E.

DATE OF TEST-09-10-2014

1630/TESTING/208/DATE-10-10-2014

Discharge in L. P. M.	Starting W. L.	Running W. L.	Depression Meter	SAND CONTENTS IN P. P. M.							Remarks
				Start	5 min.	10 Min.	15 min	20 min.	25 min	30 min.	
800	8.0	14.30	6.30	900	600	300	TR	CL	CL	CL	PUMP RUN IN
700	8.0	13.40	5.40	700	400	TR	CL	CL	CL	CL	BYEPASS FOR 10
600	8.0	12.50	4.50	300	TR	CL	CL	CL	CL	CL	MINUTES BEFORE
											TAKING
											WATER
											IN
											DELIVERY

Recommended Discharge.....600..... L. P. M. At.....4.50.....M. Depression

(D.D. SARASWAT) J.E. (A.K. SAXENA) A.E. (ARUN KUMAR) E.E.

CHEMICAL TEST RESULTS

1659/TESTING/205/17-10-14

Date of obtaining Sample...5-9-14...Collected by...D.D. SARASWAT Agency...M/S MUMBAI...L.P.A.

Date of Test	Sweet	Total Hardness	96	Sulphates	48
Colour	less	Temporay hardness	—	Phosphate	—
Odour	less	Permanent Hardness	—	Ammonia	—
Turbidity	1.00	Total Alkalinity (M)	—	Nitrates	—
Ph Value	7.68	Alkalinity (P)	132	Flouride	1.06
Total Solids	430	Calcium	72		
Suspended Solids	—	Magnicium	24		
Dissolved Solids	—	Chlorids	84		

Remark :- SATISFACTORY

Draughts Man

Junior Engineer

Assistant Engineer

Executive Engineer