

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

TUBE WELL DRILLING AND DEVELOPING DETAILS

Tube Well No. 2 of CHHACHHA Rig No./Type D.C. Size of bore 500 mm ϕ
 Under Gr. of villages w/s scheme. Type of T. W. SLOTTED J. E. D. D. SARASWAT.
 In Viallge CHHACHHA Block BHOGAON Water Level 11:00 Mts. A. E. P. K. PRADHAN.
 Tehsil BHOGAON Distt. MAIN PURI Agency M/s. MUNNA BORE WELL AGRA

Depth B. G. L. Meter	Stratum	Representation	Executed Assembly AGL 0.50	ASSEMBLY DETAILS
0-00-3-00	SURFACE CLAY			300 mm. Dia Housing Pipe AGL to 34.00 M.
3-00-8-00	SAND WITH KANKAR			300 mm. Dia Housing Pipe G.L. to 34.00 M.
				300 mm. Dia SLOTTED PIPE 34.00 to 40.00 M.
				300 mm. Dia PLAIN Pipe 40.00 to 43.00 M.
				300 mm. Dia SLOTTED PIPE 43.00 to 49.00 M.
				300 mm. Dia PLAIN PIPE 49.00 to 51.27 M.
				300x200 mm Dia Reducer 51.27 to 54.27 M.
				200 mm. Dia PLAIN Pipe 54.27 to 72.27 M.
8-00-42-00	FINE TO MED COARSE SAND			200 mm. Dia SLOTTED PIPE 72.27 to 81.27 M.
42-00-45-00	CLAY KANKAR			200 mm. Dia PLAIN Pipe 81.27 to 98.27 M.
				200 mm. Dia SLOTTED PIPE 81.27 to 98.27 M.
				200 mm. Dia PLAIN Pipe 98.27 to 103.77 M.
45-00-74-00	FINE SAND			mm. Dia Pipe to M.
				mm. Dia Pipe to M.
				mm. Dia Pipe to M.
				mm. Dia Pipe to M.
74-00-90-00	LOOSE CLAY KANKAR			mm. Dia Pipe to M.
90-00-99-00	FINE SAND			FROM AGL Total Assembly 103.77 Mts.
99-00-105-00	CLAY WITH KANKAR			M. B. No. Page No.
Logging on 11.07.2010 ① 7-40- Good ② 43-72- Good ③ 80-98- Good.				ABSTRACT 1. Drilling Started... 29.06.2010 2. Drilling Completed... 14.07.2010 3. Drilling Depth... 105.00 M 4. Lowering Started... 16.07.2010 5. Lowering Completed... 16.07.2010 6. Assembly Lowered... 103.27 M

J. E.

A. E.

E. E.

HACHA: 2)

EST REPORT BY COMPRESSOR

Date: 25-07-2010 Static W/L: 11:00 Mts. Test of Water: SWEET

Discharge	Sand Contents							Remark
In L. P. M.	Start	5min	10min	15min	20min	25min	30min	
1000	9000	7000	6400	5800	5200	4200	3500	-

(D.D. SARASWAT)
J.E.

YIELD TEST REPORT BY O. P. UNIT

P. G. Pradhan
(P.K. PRADHAN)
A. E.

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.	
2000	11.50	20.90	9.40	700	600	550	500	400	300	200	
1800	11.50	19.30	7.80	500	400	300	180	120	80	50	
1500	11.50	17.75	6.25	100	50	Tr.	Cl.	Cl.	Cl.	Cl.	

Recommended Discharge: 1500 L. P. M. At: 6:25 M. Depression

(D.D. SARASWAT)
J.E.

P. G. Pradhan
(P.K. PRADHAN)
A. E.

(THAKUR DAS)
E. E.

CHEMICAL TEST RESULTS

Date of obtaining Sample: 29-07-2010 Collected by: D.D. SARASWAT Agency: DEPARTMENTAL

Date of Test	30-07-2010	Total Hardness	96	Sulphates	132
Colour	COLOURLESS	Temporay hardness	20	Phosphate	
Odour	ODOURLESS	Permanent Hardness	76	Ammonia	
Turbidity	0.7	Total Alkalinity (M)	216	Nitrates	
Ph Value	7.80	Alkalinity (P)	0	Flouride	1.04
Total Solids	588	Calcium		IRON	0.04
Suspended Solids	-	Magnicium			
Dissolved Solids	-	Chlorids	128		

Remark :- SATISFACTORY

Draughts Man

Junior Engineer

Assistant Engineer

Executive Engineer