

Office of The Executive Engineer Illrd Const. Division (E/M) U.P. Jal Nigam Faizabad

10

Completion plan of AMHAT T.W. No. 2

T.W. at Anas Vikas Colony (600 Hole) Distt. Sultanpur

Name of Yozana/T.W. No. & Location M. K. S. A. Y. Chhota Anas Vikas Colony (600 Hole) Distt. Sultanpur

Detail of Strata

Detail of Lowring

(Not to Scale)

3.05M	SURFACE CLAY
13.72M	CLAY
15.24M	KANKAR
20.73	CLAY
22.06	FINE SAND
27.44	CLAY
29.07	VERY FINE SAND
36.58	CLAY + KANKAR
46.34	FINE SAND TO MEDIUM SAND
61.09	CLAY + KANKAR
69.21	FINE SAND
75.91	CLAY + KANKAR
89.33	FINE TO MEDIUM SAND + SAND STONE
96.00	CAVING CLAY
116.00	CLAY + KANKAR

6.13	0.45 AGL
6.17	
6.11	
6.17	
6.11	
6.13	
3.00	39.47M
6.05	45.52M
6.14	
6.20	
4.55	62.41M
6.05	68.46M
6.13	
2.00	76.59M
6.05	
6.06	88.70M
3.18	91.88M

- Size of drilling depth -
- Drilling by deptt Rig - R.C. 600/27
- Drilling started on - 23-02-09
- Drilling completed on - 03-03-09
- Date of lowring - 03-03-09
- Total housing pipe dia } 8" - 68.12M
- Total plain pipe dia } -
- Total slotted pipe dia - 24.21M
- Size of assembly lowered - 200mm dia
- size of drilling - 550mm φ
- Static water level - 9.25mb
- Size of reducer - -
- Sounding after lowring - 92.33mb
- Sounding before lowring - 116.00mb

Junior Engineer
III Conts. Divi.(E/M)
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(Madan Lal)
Asisstant Engineer
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SEEN
(A.K. Saxena)
Executive Engineer
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TEST REPORT OF T.W. DEVELOPMENT BY 250 P.S.I. COMPRESSOR

- | Sl. No. | Air line Lowerd in mtr. | Pressure In kg/cm ² | | Depression | | Discharge through 90° V- notch | | Sand contents in P.P.M. | | | | | | Remark | |
|---------|-------------------------|--------------------------------|-------------------------|------------------------|---------|--------------------------------|-----------|-------------------------|-------|--------|--------|--------|--------|--------|--------|
| | | Starting | Running | In kg/cm ² | In mtr. | In cms. | in L.P.M. | Starting | AFTER | | | | | | |
| | | | | | | | | | 5 Min | 10 Min | 15 Min | 20 Min | 25 Min | | 30 Min |
| 1. | 67.0 M | 5.60 kg/cm ² | 4.90 kg/cm ² | 0.7 kg/cm ² | 7.0 M | 23.0 cm | 2406 | 4200 | 700 | 300 | 200 | 200 | 200 | 150 | |

Note-Recommended for development by O.P. Unit.

sen

Signature
(P.K. SRIVASTAVA)
Junior Engineer

(DINESH KUMAR)
Assistant Engineer

(A.K. Saxena)
Executive Engineer

OFFICE OF THE EXECUTIVE ENGINEER, I.I.R.D.C.D. (R&M), U.P. JAL NIGAM, FAIZABAD.

YIELD TEST REPORT OF TUBEWELL BY 3 CUSEC O.P. UNIT.

1. Name of T.W./Scheme- Anhat T.W.No.2(MKSGAY)
2. Name of Distt.- Sultaipur
3. Size of Tubewell- (200 mm. x 200 mm.)
4. Column Assembly Lowered- 70'
5. Static Water Level- 9.20 meter.
6. Taste of Water- Sweet.
7. Air line lowered- 70'
8. Sounding of T.W. after development- 100.65 meter.
9. Date of Testing- 27.3.59

Sl. No.	Discharge through 90° V Notch Tank	Inches	S.W.L. in meters	R.W.L. in meters	Depression in meters	Sand contents in P.P.M.			Remark
						Star 5	10	15	
						ting	min.	min.	min. min.
1.	6.25"	845	9.20	12.70	3.50	100	50	Tr.	Cl. Cl. Cl.
2.	6"	776	9.20	12.50	3.30	50	Cl.	Cl.	Cl. Cl. Cl.
3.	5.5"	662	9.20	12.10	2.90	Tr.	Cl.	Cl.	Cl. Cl. Cl.

NOTE:- RECOMMENDED DISCHARGE 600 L.P.M. AT 2.90 meter DEPRESSION.

TEST CONDUCTED BY

R.L.H.T.

(R&M IALIT)
JUNIOR ENGINEER.

Prasad

(DINESH KUMAR)
ASSISTANT ENGINEER.

SEEN

(A.R. SAXENA)
EXECUTIVE ENGINEER.

OFFICE OF THE EXECUTIVE ENGINEER CONSTRUCTION DIVISION

I, U.P. JAL NIGAM, RAEBARELI
Physical and Chemical analysis of Water Sample

Dutch Lab Rahi, Raebareli

TEST REPORT



Name of Division: Ex. Engrg. Div. Const. Div. (EM) / Raebareli Location of Source: अमर नगर (2)
 Reference Letter No: 705/W-17/19/31/3/09 Name of Village/Town: _____
 Source of sample: WT/W Code No: _____
 Date of sampling: 21/5/09 Tehsil/Block: _____
 Date of Test: 4/5/09 District: अमर नगर
 Name of Sample collector: _____

Sl. No.	CHARACTERISTICS	RESULTS	PHYSICAL AND CHEMICAL STANDARD		REMARKS
			ACCEPTABLE	CAUSE FOR REJECTION	
PHYSICAL TEST					
1.	Colour	Colourless	5.0	5.0	
2.	Odour.....	Odourless	Unobjectionable	Objectionable	
3.	Ph.	7.5	7.0 to 8.5	< 6.5 or > 9.2	
CHEMICAL TEST					
4.	Total dissolved solids (mg/lit)	1100	500	1500	
5.	Total hardness " as CaCO ₃ "	660	200	600	
6.	Chlorides "as Cl".....	200	200	1000	
7.	Fluorides "as F".....	0.8	1.0	1.5	
8.	Nitrates "as NO ₃ ".....	-	45	>45	
9.	Nitrites "as NO ₂ ".....	NIL	NIL	0.1	
10.	Iron "as Fe".....	0.2	0.1	1.0	
11.	Alkalinity	400			
12.	Residual Chlorine (p.p.m.)	NIL			
13.					

Test Conducted By Rm

dg
 ASSISTANT ENGINEER
 Const. Div-I U.P. Jal Nigam
 Raebareli