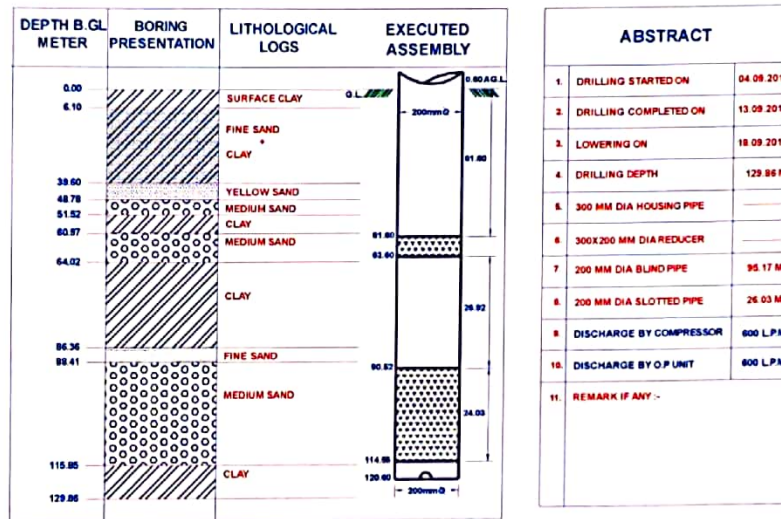


# OFFICE OF THE EXECUTIVE ENGINEER JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT COMPLETION PLAN OF TUBEWELL

(YEAR - 2013-2014)

NAME OF SCHEME - TATARPUR W/S SCHEME DISTT. SAHARANPUR.  
TOTAL NO. OF TUBE WELL PROVIDED IN THE SCHEME - 1 NO.  
LOCATION OF TUBE WELL - PRIMARY SCHOOL CAMPUS.  
NAME OF CONTRACTOR - M'S AJAY KUMAR SANDEEP KUMAR.

SPRING WATER LEVEL IN. MTRS - 25.00 M  
SIZE OF BORE - 550 MM  
DATE OF COMPLETION OF TW - 27.09.2012



### YIELD TEST OF TW BY COMPRESSOR

DATE OF TEST - 22.09.2012      STATIC W/L - 24.50 M      TASTE OF WATER . SWEET

Height Of Water	Discharge in Lpm	SAND CONTENTS IN PPM					REMARKS
		starting	After 5 min	After 10 min	After 15 min	After 30 min	
14"	610	750	250	100	50	Tr.	CL.

### YIELD TEST OF T/W BY O.P. UNIT

(As Per IS - 2800)

DATE OF TEST - 27.09.2012      STATIC WL - 24.50 M      TASTE OF WATER - SWEET

ORIFIE TUBE HEIGHT IN INCH.	DISCHARGE IN L.P.M	SWL IN Mts.	RWL IN Mts.	DEPRESSION IN L.P.M	STARTING	SAND CONTENTS IN P.P.M					RECOMMENDATIONS
						After 5 MIN	After 10 MIN	After 15 MIN	After 20 MIN	After 30 MIN	
15"	612	24.50	28.90	4.40	50	CL.	CL.	CL.	CL.	CL.	Recommended discharge 600LPM at 4.40MT. depression. Pump should be run in byepass for 5 minutes before supply of water in rising man.
25"	794	24.50	29.00	4.50	80	40	CL.	CL.	CL.	CL.	
30"	870	24.50	29.30	4.80	100	50	Tr.	CL.	CL.	CL.	
40"	1006	24.50	29.55	5.05	150	80	50	Tr.	CL.	CL.	
50"	1120	24.50	29.70	5.20	200	150	100	50	Tr.	CL.	

### CHEMICAL TEST REPORT

(As Per IS - 10500)

DATE OF TEST - 27.09.2012

AGENCY - EE 1st DIV U.P Jal Nigam Mrt.

S. NO	SUBSTANCE OR CHARACTERISTIC	LIMIT			S. NO	SUBSTANCE OR CHARACTERISTIC	LIMIT		
		DESIRABLE	MAX.	ACTUAL			DESIRABLE	MAX.	ACTUAL
1	Colour Hazen Unit	5	25	---	9	Dissolved solids mg/L	500	2000	240
2	Turbidity.NTU	5	10	---	10	Calcium as(Ca) mg/L	75	200	---
3	PH value	6.5 to 8.5	No Relaxation	7.60	11	Magnesium* as (Mn) mg/L	30	100	---
4	Total Hardness as (CaCO <sub>3</sub> ) mg/L	300	600	180	12	Copper as (Cu) mg/L	0.05	1.5	---
5	Iron as (Fe),mg/L	0.3	1.00	0.10	13	Sulphate as (SO <sub>4</sub> ) mg/L	200	400	31.00
6	Chlorides as (Cl),mg/L	250	1000	10	14	Nitrate as(NO <sub>3</sub> ) mg/L	45	100	4.43
7	Residual Free Chlorine mg/L	0.2	---	---	15	Alkalinity mg/L	200	600	220
8	Fluoride as (F),mg/L	1.0	1.5	0.10					

Note - All dimensions are in metres

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