



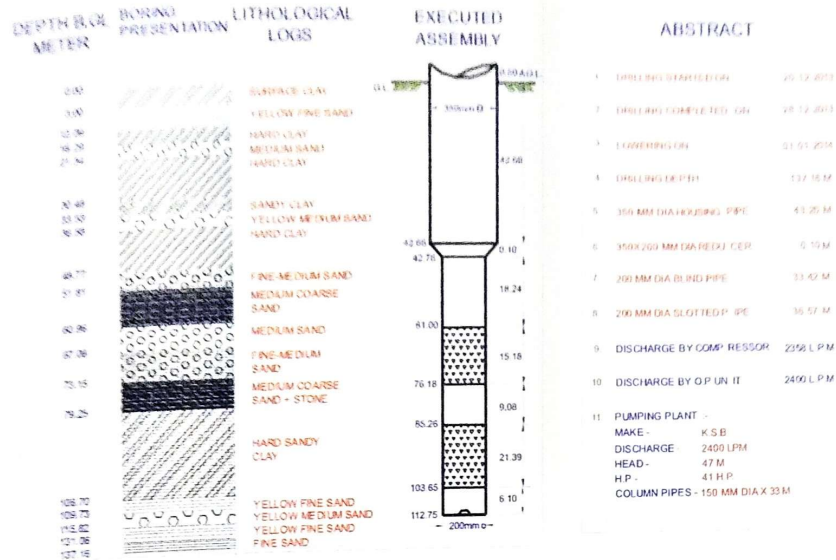
MEERUT-1801-500

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

## COMPLETION PLAN OF TUBEWELL (YEAR - 2013-2014)

NAME OF SCHEME - TEWDAWIS SCHEME MUEAFFARNAGAR  
 FORM NO. OF TUBE WELL PROVIDED BY THE SCHEME - 1 NO  
 LOCATION OF TUBE WELL - 151 NEAR PRIMARY HEALTH CENTER  
 NAME OF CONTRACTOR - K.S.P. PIONEER ENGINEERING CO. GZB

SPRING WATER LEVEL IN METRE - 12.60 M  
 SIZE OF BORE - 675 X 500 MM  
 DATE OF COMPLETION OF T.W. - 02/02/2014



### YIELD TEST OF T/W BY COMPRESSOR

DATE OF TEST - 26.02.2014      STATIC W/L - 12.60 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	
9.5"	2358	700	400	250	150	50	CL.

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

DATE OF TEST - 02.03.2014      STATIC W/L - 12.60 M      TASTE OF WATER - SWEET

ORIFICE 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 MN	After 15 MN	After 20 MN	After 30 MN	
10"	2146	12.60	15.40	2.80	CL.	CL.	CL.	CL.	CL.	CL.	Recommended discharge 2400 L.P.M at 3.20M. depression. Pump should be run in bypass for 5 minutes before supply of water in rising main.
15"	2407	12.60	15.80	3.20	Tr.	CL.	CL.	CL.	CL.	CL.	
30"	3243	12.60	16.30	3.70	150	50	Tr.	Cl.	Cl.	CL.	
45"	3795	12.60	16.70	4.10	150	100	50	Tr.	Cl.	CL.	
60"	4098	12.60	17.20	4.60	200	100	50	Tr.	CL.	CL.	

### CHEMICAL TEST REPORT

DATE OF TEST - 11.03.2014      AGENCY - EE 1st DIV U.P. Jal Nigam Mt.

S. NO	SUBSTANCE OR CHARACTERISTIC	LIMIT		
		DESIRABLE	MAX.	ACTUAL
9.	Dissolved solids mg/L	500	2000	254
10.	Calcium as(Ca) mg/L	75	200	
11.	Magnesium as (Mn) mg/L	30	100	
12.	Copper as (Cu) mg/L	0.05	1.5	
13.	Sulphate as (SO <sub>4</sub> ) mg/L	200	400	
14.	Nitrate as(NO <sub>3</sub> ) mg/L	45	100	
15.	Alkalinity mg/L	200	600	282

Note - All dimensions are in metres.

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