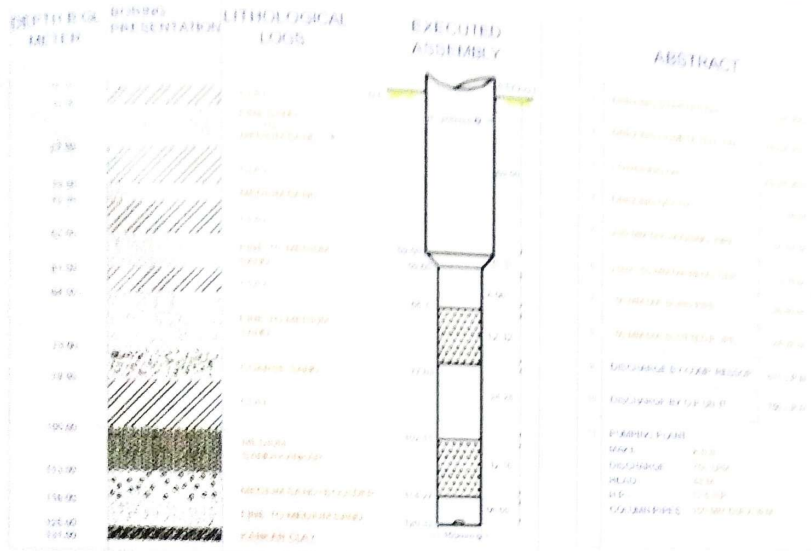




**OFFICE OF THE EXECUTIVE ENGINEER
JAL NIGAM YANTRIK KHAND
U.P. JAL NIGAM MEERUT
COMPLETION PLAN OF TUBEWELL
(YEAR - 2013-2014)**

NAME OF SCHEME: SALEHA KHANWAL SCHEME MUZAFFARGANJ
 NAME OF TUBE WELL: T/W-10001 BY THE SCHEME: T/W-10001
 LOCATION OF TUBE WELL: DISTRICT: MUZAFFARGANJ
 DATE OF COMPLETION: 11.05.2013
 OFFICE OF THE EXECUTIVE ENGINEER: JAL NIGAM MEERUT
 DATE OF REPORT: 11.05.2013



YIELD TEST OF T/W BY COMPRESSOR

DATE OF TEST - 11.05.2013 STATIC WL - 23.86 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	
5.5"	611	1500	1000	600	200	Tr	CL
6.0"	770	2000	1800	1500	1000	500	200

YIELD TEST OF T/W BY O.P UNIT

(As Per IS - 2850)

DATE OF TEST - 22.04.2014 STATIC WL - 23.76 M TASTE OF WATER - SWEET

SINKER TUBE HEIGHT IN METRE	DISCHARGE IN L.P.M	SWL IN METRE	FWL IN METRE	DEPRESSION IN L.P.M	STARTING	SAND CONTENTS IN P.P.M					RECOMMENDATION
						After 5 min	After 15 min	After 30 min	After 45 min	After 60 min	
20"	708	23.86	27.86	3.86	50	Tr	CL	CL	CL	CL	Recommend discharge 700 lpm at 4.00m depression
25"	750	23.86	28.86	4.20	100	Tr	CL	CL	CL	CL	Pump should be not in operation for 2 minutes when supply of water is very poor
30"	871	23.86	29.36	4.30	150	Tr	CL	CL	CL	CL	
35"	947	23.86	29.36	4.50	300	Tr	CL	CL	CL	CL	
40"	1096	23.86	29.51	4.85	400	Tr	CL	CL	CL	CL	

(As Per IS - 10500)

CHEMICAL TEST REPORT

AGENCY - EE (T/W) U.P. Jal Nigam

S. NO	SUBSTANCE OR CHARACTERISTIC	LIMIT		S. NO	SUBSTANCE OR CHARACTERISTIC	LIMIT	
		DESIRABLE	MAX			DESIRABLE	MAX
1	Total Hardness as CaCO ₃ (mg/l)	5	25	9	Dissolved solids (mg/l)	500	2000
2	Total Hardness as CaCO ₃ (mg/l)	5	10	10	Calcium as (Ca) (mg/l)	75	200
3	Free Chlorine as (mg/l)	0.5 to 0.5	1.0	11	Magnesium as (Mg) (mg/l)	30	100
4	Total Chlorine as (mg/l)	0.5	1.00	12	Copper as (Cu) (mg/l)	0.05	1.5
5	Chlorine as (mg/l)	250	1000	13	Sulphate as (SO ₄) (mg/l)	200	400
6	Iron as (mg/l)	0.2	1.0	14	Iron as (mg/l)	45	100
7	Fluoride as (mg/l)	1.0	1.5	15	Substance as (mg/l)	300	500
8

Note: All concentrations are in mg/l.