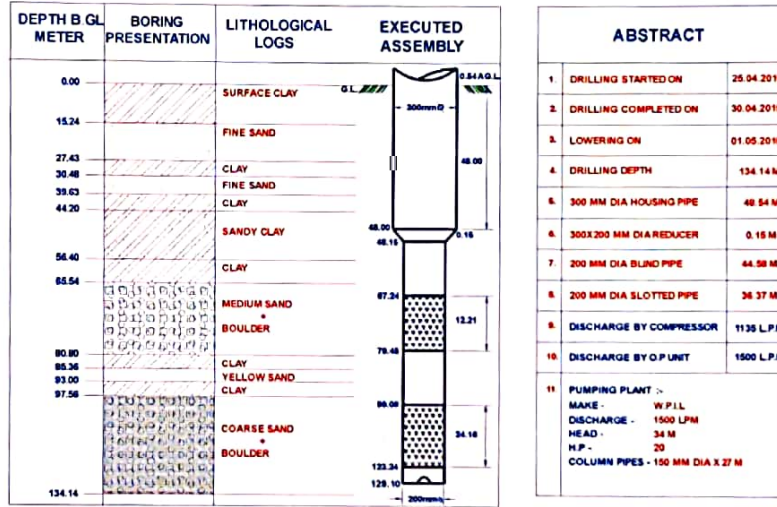




**OFFICE OF THE EXECUTIVE ENGINEER
JAL NIGAM YANTRIK KHAND
U.P. JAL NIGAM MEERUT
COMPLETION PLAN OF TUBEWELL
(YEAR - 2014-2015)**

NAME OF SCHEME - FIROZABAD W/S SCHEME DISTT. SAHARANPUR. SPRING WATER LEVEL IN. MTRS - 11.00 M
TOTAL NO. OF TUBE WELL PROVIDED IN THE SCHEME - 1 NO. SIZE OF BORE - 675 X 550 MM.
LOCATION OF TUBE WELL - NEAR OHT. DATE OF COMPLETION OF TW.-03.08.2015
NAME OF CONTRACTOR - M/S A S L ENTERPRISES MEERUT



YIELD TEST OF T/W BY COMPRESSOR

DATE OF TEST - 17.07.2015 STATIC W/L - 10.55 M TASTE OF WATER . SWEET

DISCHARGE BY V.NOTCH	SAND CONTENTS IN PPM	REMARKS					
			Height Of Water	Discharge In Lpm	starting	After 5 min	After 10 min
07"	1135	1050 725 460 220 70 25					

YIELD TEST OF T/W BY O.P UNIT

(As Per IS - 2800)

DATE OF TEST - 03.08.2015 STATIC WL - 10.40 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	
06"	1438	10.40	11.26	0.86	15	Tr	CL	CL	CL	CL	Recommended discharge 1600LPM at 0.95Mt. depression. Pump should be run in bypass for 5 minutes before supply of water in rising man.
07"	1552	10.40	11.35	0.95	30	Tr.	CL	CL	CL	CL	
12"	2044	10.40	11.80	1.40	40	25	Tr.	Tr	CL	CL	
18"	2498	10.40	12.15	1.75	48	30	20	Tr	CL	CL	
25"	2952	10.40	12.54	2.14	55	35	25	Tr	CL	CL	

CHEMICAL TEST REPORT

(As Per IS - 10500)

DATE OF TEST - 17.08.2015 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	286
2	Turbidity,NTU	5	10	---	10.	Calcium as(Ca) mg/L	75	200	---
3	PH value	6.5 to 8.5	No Relaxation	7.56	11	Magnesium* as (Mn), mg/L	30	100	---
4	Total Hardness as (CaCO ₃) mg/L	300	600	160	12	Copper as (Cu) mg/L	0.05	1.5	---
5	Iron as (Fe),mg/ L	0.3	1.00	0.023	13	Sulphate as (SO ₄) mg/L	200	400	10.36
6	Chlorides as (Cl),mg/L	250	1000	12	14	Nitrate as(NO ₃) mg/L	45	100	6.64
7	Residual Free Chlorine mg/L	0.2	---	---	15	Alkalinity mg/L	200	600	290
8	Fluoride as (F),mg/L	1.0	1.5	0.141					

Note - All dimensions are in metres

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