

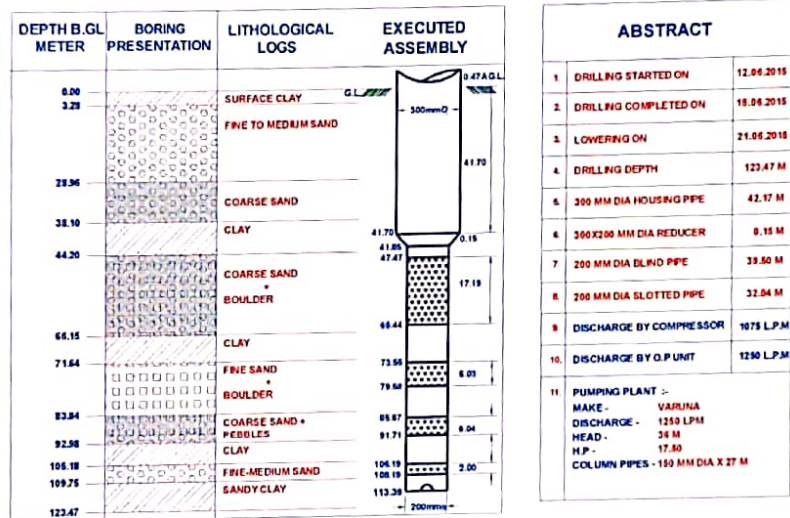


**OFFICE OF THE EXECUTIVE ENGINEER
JAL NIGAM YANTRIK KHAND
U.P. JAL NIGAM MEERUT**

COMPLETION PLAN OF TUBEWELL

(YEAR - 2014-2015)

NAME OF SCHEME - JANDHERA SAMASPUR W/S SCHEME DISTT. SAHARANPUR. SPRING WATER LEVEL IN. MTRS - 6.25 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 T.W. - 24.07.2015
 NAME OF CONTRACTOR - M/S A.S.L. ENTERPRISES MEERUT.



YIELD TEST OF T/W BY COMPRESSOR

DATE OF TEST - 09.07.2015 STATIC W/L - 6.15 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	After 15 min	After 30 min	After 60min	
07"	1075	1200	900	650	300	Tr.	Tr.	

YIELD TEST OF T/W BY O.P UNIT

(As Per IS - 2800)

DATE OF TEST - 24.07.2015 STATIC W/L - 06.10 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 MN	After 10 MN	After 15 MN	After 20 MN	After 30 MN	
06"	1136	06.10	07.20	1.10	15	Tr.	CL	CL	CL	CL	Recommended discharge 1250LPM at 1.30ML depression. Pump should be run in bypass for 5 minutes before supply of water in rising man.
08"	1325	06.10	07.40	1.30	25	Tr.	CL	CL	CL	CL	
14"	1742	06.10	07.75	1.65	39	20	Tr.	Tr.	CL	CL	
20"	2083	06.10	08.00	1.90	45	25	15	Tr.	CL	CL	
30"	2538	06.10	08.55	2.45	55	30	20	Tr.	CL	CL	

CHEMICAL TEST REPORT

(As Per IS - 10500)

DATE OF TEST - 01.08.2015 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	251
2	Turbidity,NTU	5	10	—	10	Calcium as(Ca) mg/L	75	200	—
3	PH value	6.5 to 8.5	No Relaxation	7.79	11	Magnesium* as (Mn) mg/L	30	100	—
4	Total Hardness as (CaCO ₃) mg/L	300	600	120	12	Copper as (Cu) mg/L	0.05	1.5	—
5	Iron as (Fe),mg/ L	0.3	1.00	0.024	13	Sulphate as (SO ₄) mg/L	200	400	31.48
6	Chlorides as (Cl),mg/L	250	1000	10	14	Nitrate as(NO ₃) mg/L	45	100	5.31
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	0.119					

Note - All dimensions are in metres

J.E

A.E

E.E

