



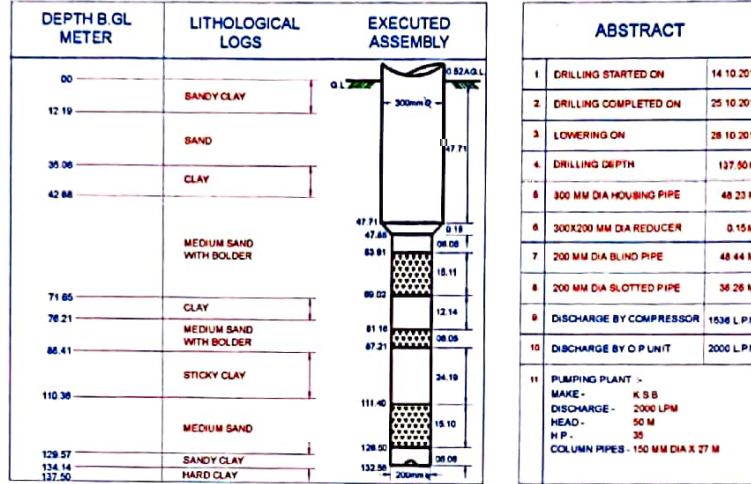
**OFFICE OF THE EXECUTIVE ENGINEER
JAL NIGAM YANTRIK KHAND
U.P. JAL NIGAM MEERUT**

COMPLETION PLAN OF TUBEWELL

(YEAR - 2013-2014)

NAME OF SCHEME - ISLAM NAGAR W/S T.W.NO-1.
TOTAL NO. OF TUBE WELL PROVIDED IN THE SCHEME - 2 NO.
LOCATION OF TUBE WELL - NEAR ANGANWADI KENDRA.
NAME OF CONTRACTOR-M/S ASL ENTERPRISES MEERUT.

SPRING WATER LEVEL IN. MTRS - 10.87 M
SIZE OF BORE - 875 X 550 MM
DATE OF COMPLETION OF T.W.- 26.11.2013



YIELD TEST OF T/W BY COMPRESSOR

DATE OF TEST - 10.11.2013 STATIC W/L - 10.87 M TASTE OF WATER . SWEET

DISCHARGE BY V NOTCH		SAND CONTENTS IN PPM					REMARKS	
Height Of Water in cm.	Discharge in Lpm	starting	After 5 min	After 10 min	After 15 min	After 30 min		After 60min
20.3	1536	1100	800	500	300	100	50	

YIELD TEST OF T/W BY O.P UNIT

(As Per IS - 2800)

DATE OF TEST - 26.11.2013 STATIC W/L - 10.75 M TASTE OF WATER - SWEET

ORIFIE TUBE HEIGHT IN INCH.	DISCHARGE IN LPM	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	
15.00	1816	10.75	12.75	2.00	20	TR.	CL	CL	CL	CL	Recommended discharge 2000LPM at 2.20M. Depression. Pump should be run in by-pass for 8 minutes before supply of water in rising main.
20.00	2074	10.75	12.95	2.20	40	TR.	CL	CL	CL	CL	
30.00	2528	10.75	13.25	2.50	110	50	TR.	TR	TR	CL	
50.00	3300	10.75	14.05	3.30	200	80	20	TR.	TR	CL	
60.00	3596	10.75	14.35	3.60	290	120	40	TR.	TR	CL	

CHEMICAL TEST REPORT

(As Per IS - 10500)

DATE OF TEST - 29.11.2013 AGENCY-EE PRATHAM KHAND,UP,JN,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	224
2	Turbidity,NTU	5	10	---	10	Calcium as(Ca) mg/L	75	200	---
3	PH value	6.5 to 8.5	No Relaxation	07.32	11	Magnesium* as (Mn), mg/L	30	100	---
4	Total Hardness as (CaCO ₃) mg/L	300	600	116	12	Copper as (Cu) mg/L	0.05	1.5	---
5	Iron as (Fe),mg/L	0.3	1.00	0.5	13	Sulphate as (SO ₄) mg/L	200	400	15.36
6	Chlorides as (Cl),mg/L	250	1000	15	14	Nitrate as(NO ₃) mg/L	45	100	5.75
7	Residual Free Chlorine,mg/L	0.2	---	---	15	Alkalinity,mg/L	200	600	170
8	Fluoride as (F),mg/L	1.0	1.5	0.143					

Note - All dimensions are in metres

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