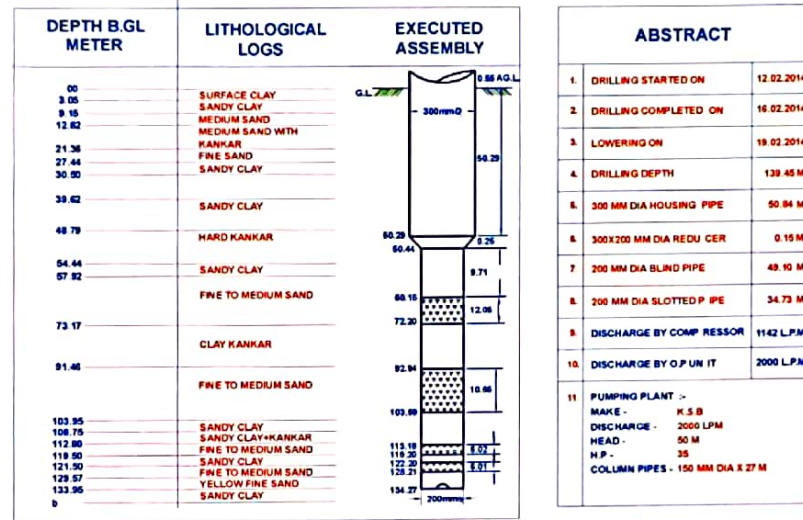


**OFFICE OF THE EXECUTIVE ENGINEER
JAL NIGAM YANTRIK KHAND
U.P. JAL NIGAM MEERUT
COMPLETION PLAN OF TUBEWELL**

(YEAR - 2013-2014)

NAME OF SCHEME - DUDHLA (REBORE) T.W. **(SRE)**
TOTAL NO. OF TUBE WELL PROVIDED IN THE SCHEME - 1 NO.
LOCATION OF TUBE WELL - DUDHLA CAMPUS.
NAME OF CONTRACTOR - M/S A.S.L ENTERPRISES MEERUT.

SPRING WATER LEVEL IN. MTRS - 24.39 M
SIZE OF BORE - 675 X 550 MM.
DATE OF COMPLETION OF T.W. - 30.03.2014



YIELD TEST OF T/W BY COMPRESSOR

DATE OF TEST - 18.03.2014 STATIC W/L - 23.10 M TASTE OF WATER . SWEET

Height Of Water In cm.	Discharge In Lpm	SAND CONTENTS IN PPM					REMARKS
		starting	After 5 min	After 10 min	After 15 min	After 30 min	
06"	775	300	80	CL.	CL.	CL.	CL.

YIELD TEST OF T/W BY O.P UNIT

(As Per IS - 2800)

DATE OF TEST - 30.03.2014 STATIC W/L - 22.56 M TASTE OF WATER - SWEET

ORFIE TUBE HEIGHT IN INCH.	DISCHARGE b	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 25 MIN	After 30 MIN	
10.00	1855	22.56	26.52	3.96	40	Tr.	CL	CL	CL	CL	CL	Recommended discharge 2000LPM at 4.72M depression. Pump should be run in bypass for 5 minutes before supply of water in rising man.
12.00	2044	22.58	27.28	4.72	70	Tr.	CL	CL	CL	CL	CL	
18.00	2498	22.58	28.04	5.48	130	40	Tr	CL	CL	CL	CL	
25.00	2952	22.56	28.66	6.10	220	90	30	Tr.	CL	CL	CL	
30.00	3243	22.56	29.57	7.01	310	140	60	10	Tr.	Tr	CL	

CHEMICAL TEST REPORT

(As Per IS - 10500)

DATE OF TEST - 15.04.2014

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	---
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	96	12.	Copper as (Cu) mg/L	0.05	1.5	---
5.	Iron as (Fe),mg/L	0.3	1.00	0.10	13.	Sulphate as (SO ₄) mg/L	200	400	07.68
6.	Chlorides as (Cl),mg/L	250	1000	10	14.	Nitrate as(NO ₃) mg/L	45	100	06.20
7.	Residual Free Chlorine,mg/L	0.2	---	---	15.	Alkalinity,mg/L	200	600	130
8.	Fluoride as (F),mg/L	1.0	1.5	0.128					

Note - All dimensions are in metres

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