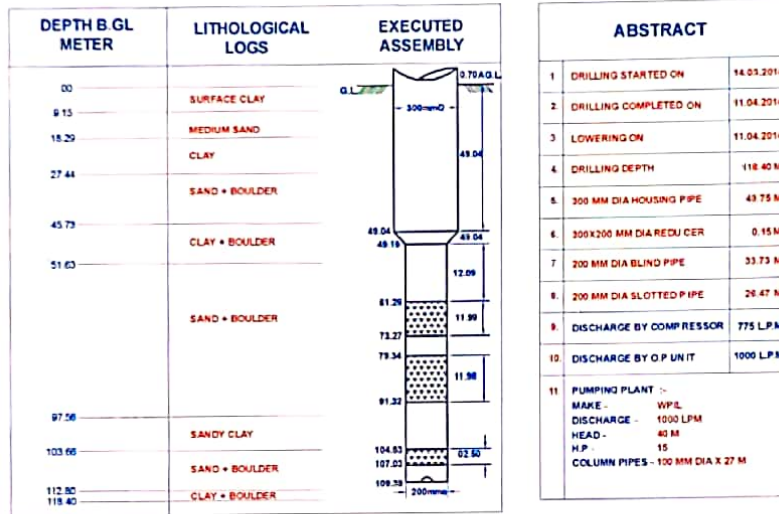


**OFFICE OF THE EXECUTIVE ENGINEER
JAL NIGAM YANTRIK KHAND
U.P. JAL NIGAM MEERUT
COMPLETION PLAN OF TUBEWELL
(YEAR - 2013-2014)**

NAME OF SCHEME - **BUDHDHAKHERA W/S SCHEME (SRE)**
TOTAL NO. OF TUBE WELL PROVIDED IN THE SCHEME - 1 NO.
LOCATION OF TUBE WELL- NEAR MANGO GARDEN
NAME OF CONTRACTOR - M/S A.S.L ENTERPRISES MEERUT.

SPRING WATER LEVEL IN MTRS - 7.20 M
SIZE OF BORE - 675 X 550 MM.
DATE OF COMPLETION OF TW.- 19.05.2014



YIELD TEST OF TW BY COMPRESSOR

DATE OF TEST - 05.05.2014 STATIC W/L - 6.60 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	
06"	775	320	70	CL.	CL.	CL.	CL.	

YIELD TEST OF T/W BY O.P UNIT

(As Per IS - 2800)

DATE OF TEST - 19.05.2014 STATIC W/L - 6.17 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 PPM						RECOMMENDATIONS.
						After 5 min	After 10 min	After 15 min	After 20 min	After 25 min	After 30 min	
8.00	700	06.17	07.07	0.90	Tr.	CL	CL	CL	CL	CL	CL	Recommended discharge 1000LPM at 1.20M depression. Pump should be run in bypass for 5 minutes before supply of water in rising main.
12.00	652	06.17	07.22	1.05	Tr	CL	CL	CL	CL	CL	CL	
18.00	1026	06.17	07.37	1.20	20	CL	CL	CL	CL	CL	CL	
30.00	1309	06.17	07.52	1.35	70	10	Tr	CL	CL	CL	CL	
50.00	1696	06.17	07.72	1.55	150	50	10	Tr	CL	CL	CL	

CHEMICAL TEST REPORT

(As Per IS - 10500)

DATE OF TEST - 24.05.2014 AGENCY - EE Ist 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	07.72	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	0.10	13	Sulphate as (SO ₄) mg/L	200	400	09.60
6	Chlorides as (Cl),mg/L	250	1000	11	14	Nitrate as(NO ₃) mg/L	45	100	04.43
7.	Residual Free Chlorine,mg/L	0.2	---	---	15	Alkalinity,mg/L	200	600	240
8.	Fluoride as (F),mg/L	1.0	1.5	0.102					

Note :- All dimensions are in metres

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