



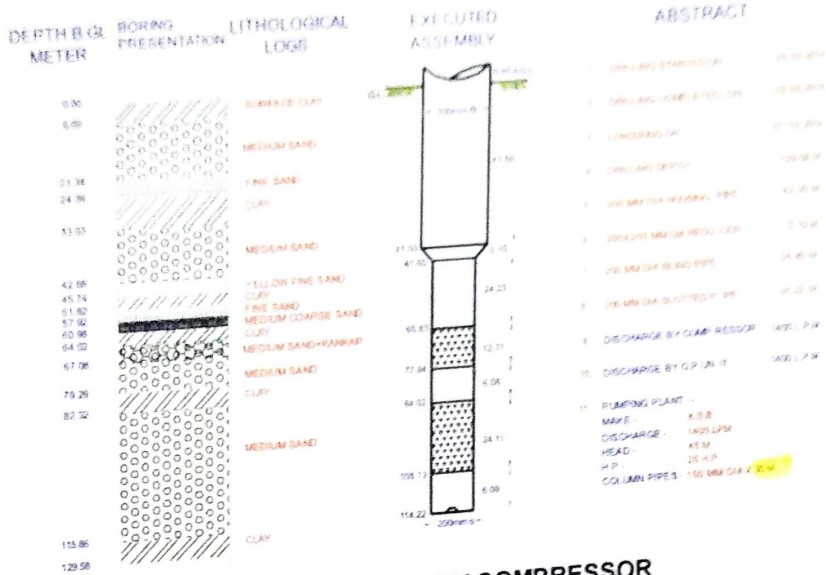
OFFICE OF THE EXECUTIVE ENGINEER
JAL NIGAM YANTRIK KHAND
U.P. JAL NIGAM MEERUT

COMPLETION PLAN OF TUBEWELL

(YEAR - 2013-2014)

NAME OF SCHEME - JASDEE WIS SCHEME MUZAFFARNAGAR
TOTAL NO. OF TUBE WELL PROVIDED IN THE SCHEME - 2
LOCATION OF TUBE WELL - IN NEAR
NAME OF CONTRACTOR - M/S. SUBBIAH RAM PRISM MEERUT

SPRING WATER LEVEL IN MARCH - 19.80 M
SIZE OF BORE - 075" DIA
DATE OF COMPLETION OF T.W. - 26.09.2014



YIELD TEST OF T/W BY COMPRESSOR

DATE OF TEST - 27.09.2013
STATIC W/L - 19.30 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 60 min
7.5"	1400	600	100	50	Tr.	CL.	CL.

YIELD TEST OF T/W BY O.P UNIT

DATE OF TEST - 30.10.2014
STATIC W/L - 19.30 M
TASTE OF WATER - SWEET
SAND CONTENTS IN P.P.M
RECOMMENDATIONS

ORIFICE TUBE HEIGHT IN INCH	DISCHARGE IN L.P.M	SWL IN Mts.	RWL IN Mts.	DEPRESSION IN L.P.M	STARTING	After 5 MIN	After 10 MIN	After 15 MIN	After 20 MIN	After 30 MIN	RECOMMENDATIONS
08"	1324	19.30	21.90	2.65	CL	CL	CL	CL	CL	CL	Recommend discharge 1400 LPM at 2.75M depression
10"	1487	19.30	22.00	2.70	Tr.	CL	CL	CL	CL	CL	Pump should be run in bypass for 5 minutes before supply of water having main.
20"	2029	19.30	22.45	3.15	100	Tr.	CL	CL	CL	CL	
30"	2526	19.30	22.55	3.25	250	50	Tr.	CL	CL	CL	
40"	2953	19.30	23.05	3.75	350	150	50	Tr.	CL	CL	

CHEMICAL TEST REPORT

DATE OF TEST - 01.11.2014
AGENCY - EE 1st DIV U.P. Jal Nigam Mt.

S. NO	SUBSTANCE OR CHARACTERISTIC	LIMIT		S. NO	SUBSTANCE OR CHARACTERISTIC	LIMIT	
		DESIRABLE	MAX			DESIRABLE	MAX
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	11	Magnesium as (Mn) mg/L	30	100
4	Total Hardness as (CaCO ₃) mg/L	300	600	12	Copper as (Cu) mg/L	0.05	1.5
5	Iron as (Fe), mg/L	0.3	1.00	13	Sulphate as (SO ₄) mg/L	200	400
6	Chlorides as (Cl), mg/L	250	1000	14	Nitrate as (NO ₃) mg/L	45	100
7	Residual Free Chlorine, mg/L	0.2	1.5	15	Alkalinity, mg/L	200	600
8	Fluoride as (F), mg/L	1.0	1.5				1.80

Note - All dimensions are in metres.

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