

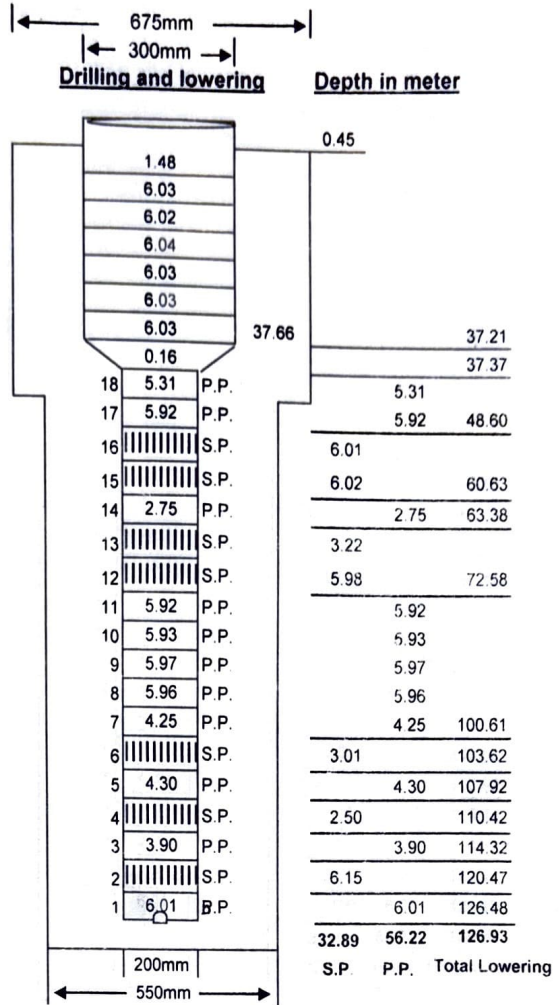
**OF THE EXECUTIVE ENGINEER, CONST. DIVISION (E/M),
U.P. JAL NIGAM, BAREILLY.**

**COMPLIATION PLAN OF KHEDA JALALPUR T.W. No. 2 ZONE-I 300MMX200MM SIZE DIST. BUDAUN
AGENCY: DEPARTMENTAL BY: RC RIG MACHINE 600/27**

S.No.	in feet	in meter	STRATA
1	0	0.00	1.52 Surface Clay
2	5	1.52	5.18 Clay
3	17	5.18	25.91 Fine to medium sand
4	85	25.91	27.43 Fine Sand
5	96	27.43	28.96 Clay
6	95	28.96	33.53 Kankar
7	110	33.53	44.20 Clay Kankar
8	145	44.20	45.72 Fine to medium sand
9	150	45.72	46.94 Clay
10	154	46.94	74.37 Fine sand, Sand Stone Kankar
11	244	74.37	99.67 Clay Kankar
12	327	99.67	104.55 Fine Sand
13	343	104.55	106.98 Clay Kankar
14	351	106.98	111.25 Fine Sand
15	365	111.25	113.39 Clay Kankar
16	372	113.39	121.62 Fine sand sand stone
17	399	121.62	137.16 Clay

Total Drilling depth

1	size of bore 675 mm	48.78 m
2	size of bore 550 mm	88.41 m
3	Drilling depth	137.19 m
4	Housing pipe 300MM	37.66 m
5	Slotted pipe 200MM	32.89 m
6	Plain pipe 200MM	56.22 m
7	Reducer 300MMX200MM	0.16 m
8	Total assembly lower	126.93 m
9	AGL	0.45 m
10	BGL	126.48 m
11	Date of drilling start	20.04.15
12	Date of drilling complete	27.04.15
13	Date of lowering complete	28.04.15



YIELD TEST OF TW BY 250 PSI COMPRESSOR

Date of Test		Static Water Level		Total hours of development							
09.05.15		4.37 m		59.00 hours							
Sl No.	Starting pressure in Kg/Cm ²	Running pressure in Kg/Cm ²	Depression in meter	Discharge by V notch in		SAND CONTENTS IN P.P.M					Remark
				Inch	L.P.M.	Starting Min.	5 min	10 min	15 min	20 min	
1	11.5	11.0	5.00	10.5	1080	7000	2000	1500	900	700	Recommended for further development by O.P. Unit

YIELD TEST OF TW BY 2 CUSEC O.P. UNIT

Static W/L		Taste of water Sweet		Date of Test									
4.50 m				17.06.2015									
Sounding of T.W. before development 125.0 mtrs.						Sounding of T.W. after development 121.0 mtrs.							
S. No	Discharge		SWL	RWL	Depression	SAND CONTENTS IN P.P.M.							Recommendation
	in inch	in L.P.M.				in Mts.	in Mts.	in Mts.	Starting Min.	5 Min.	10 Min.	15 Min.	
1	9.5	2385	4.50	9.40	4.90	300	150	50	Tr	Cl	Cl	Cl	Recommended discharge is 1500 l.p.m at 3.65 Mtr depression.
2	9.0	2033	4.50	8.95	4.45	200	100	50	Tr	Cl	Cl	Cl	
3	8.5	1814	4.50	8.60	4.10	100	50	Tr	Cl	Cl	Cl	Cl	
4	8.0	1536	4.50	8.15	3.65	50	Tr	Cl	Cl	Cl	Cl	Cl	

Checked BY

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Developed By Comp. & O.P. Unit

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