

OFFICE OF THE EXECUTIVE ENGINEER, CONST. DIVISION (E/M),

U.P. JAL NIGAM, BAREILLY.

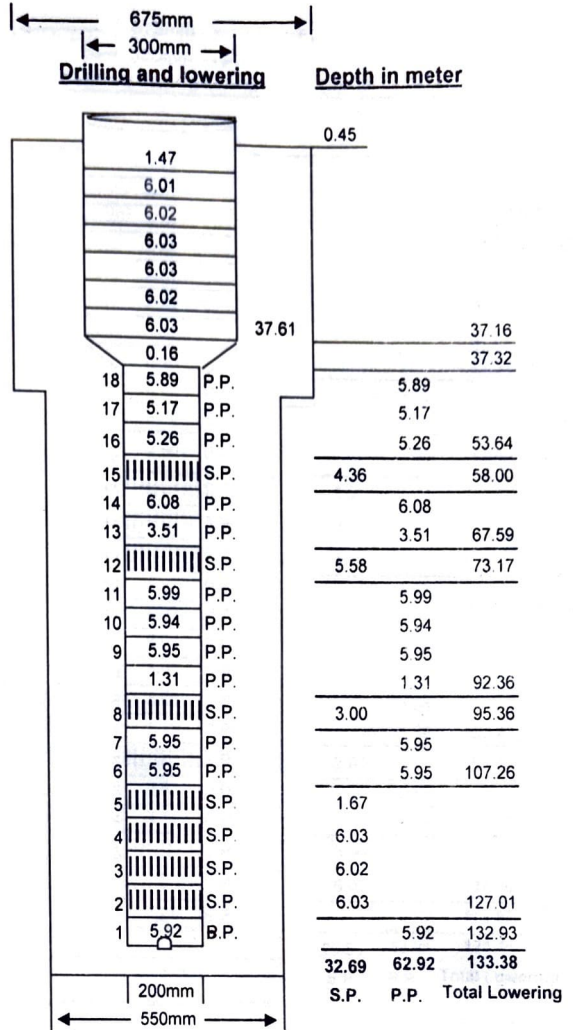
COMPLITION PLAN OF KHEDA JALALPUR T.W. No. 1 ZONE-II 300MMX200MM SIZE DIST. BUDAUN

AGENCY: DEPARTMENTAL BY: RC RIG MACHINE 600/27

S.No.	in feet	in meter	STRATA	
1	0	28	0 00	8 53 Clay
2	28	40	8 53	12 19 Fine Sand
3	40	55	12.19	16.76 Fine to medium sand
4	55	85	16.76	25.91 Clay
5	85	95	25.91	28.96 Clay Kankar
6	95	108	28.96	32.92 Fine Sand
7	108	169	32.92	51.51 Caving Clay
8	169	173	51.51	52.73 Very Fine sand
9	173	193	52.73	58.83 Fine sand
10	193	219	58.83	66.75 Clay
11	219	243	66.75	74.07 Fine sand
12	243	250	74.07	76.20 Clay
13	250	255	76.20	77.72 Fine sand
14	255	300	77.72	91.44 Clay
15	300	315	91.44	96.01 Fine sand & sand stone
16	315	349	96.01	106.38 Clay
17	349	420	106.38	128.02 Fine sand
18	420	480	128.02	146.30 Clay

Total Drilling depth

1	size of bore 675 mm	48.78 m
2	size of bore 550 mm	97.56 m
3	Drilling depth	146.34 m
4	Housing pipe 300MM	37.61 m
5	Slotted pipe 200MM	32.69 m
6	Plain pipe 200MM	62.92 m
7	Reducer 350MMX200MM	0.16 m
8	Total assembly lower	133.38 m
9	AGL	0.45 m
10	BGL	132.93 m
11	Date of drilling start	07.04.15
12	Date of drilling complete	14.04.15
13	Date of lowering complete	15.04.15



YIELD TEST OF TW BY 250 PSI COMPRESSOR

Date of Test 24.05.2015 Static Water Level 8.80 m Total hours of development 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	12.5	12.0	5.00	11.0	3454	6000	1500	1100	700	500	Recommended for further development by O.P. Unit

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

Static W/L 9.15 m Taste of water Sweet Date of Test 15.06.15
Sounding of T.W. before development - 132.18 mtrs. Sounding of T.W. after development - 132.00 mtrs.

S. No.	Discharge		SWL in	RWL in	Depression in	SAND CONTENTS IN P.P.M							Recommendation
	in inch	in L.P.M.				Starting Min.	5 Min.	10 Min.	15 Min.	20 Min.	25 Min.	30 Min.	
1	10.0	2730	9.15	14.00	4.85	600	300	100	50	Tr	Tr	Cl	Recommended discharge is 1800 l.p.m at 3.65 Mtr. depression.
2	9.5	2385	9.15	13.55	4.40	450	250	50	Tr	Cl	Cl		
3	9.0	2033	9.15	13.15	4.00	250	100	Tr	Tr	Cl	Cl		
4	8.5	1814	9.15	12.65	3.50	50	Tr	Cl	Cl	Cl	Cl		

Checked BY

(Samarth Nandikar)
Computer

Developed By Comp. & O.P. Unit

(Megh Singh)
J.E.

(Jane Alam/ S.N.Singh)
J.E.

(Seroz Dast)
A.E.

(Vivek Kushwana)
Ex. Engineer