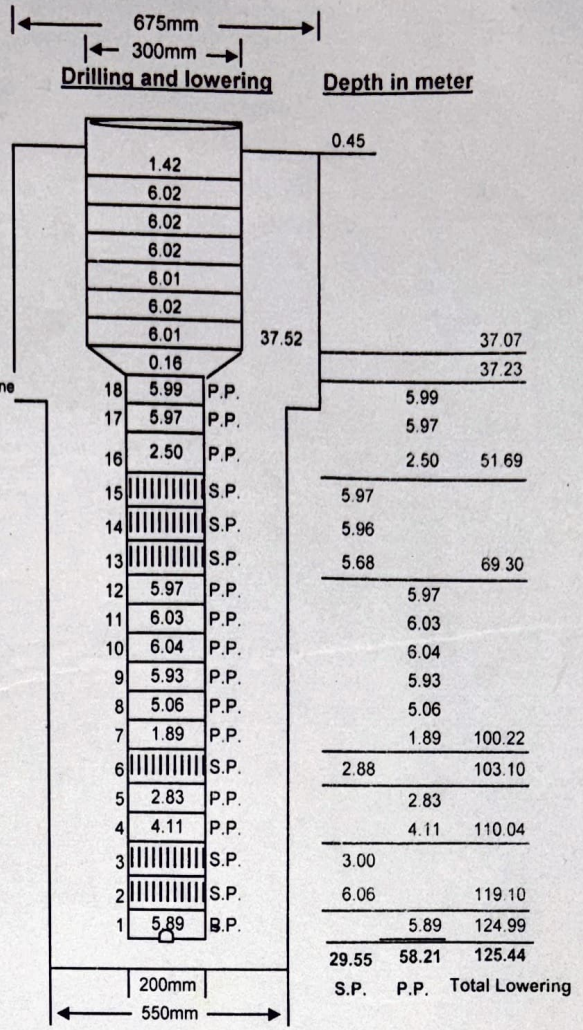


**U.P. JAL NIGAM, BAREILLY.**

COMPLITION PLAN OF KHEDA JALALPUR T.W. No. 1 ZONE-I 300MMX200MM SIZE DIST. BUDAUN  
 AGENCY: DEPARTMENTAL BY: RC RIG MACHINE 600/27

S.No.	in feet	in meter	STRATA
1	0	4	0.00 Surface Clay
2	4	18	1.22 5.49 Sand Clay
3	18	35	5.49 10.67 Fine to medium sand
4	35	40	10.67 12.19 Medium sand
5	40	75	12.19 22.86 Clay
6	75	38	22.86 26.82 Fine Sand
7	38	95	26.82 28.96 Clay
8	95	150	28.96 45.72 Clay Kankar
9	150	157	45.72 47.85 Fine Sand
10	157	167	47.85 50.90 Clay Kankar
11	167	230	50.90 70.10 Fine to medium sand & sand Stone
12	230	285	70.10 86.87 Clay
13	285	295	86.87 89.92 Fine Sand
14	295	326	89.92 99.36 Clay
15	326	340	99.36 103.63 Fine sand sand stone
16	340	355	103.63 108.20 Clay
17	355	358	108.20 109.12 Fine sand
18	358	400	109.12 121.92 Fine to medium sand
19	400	450	121.92 137.16 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	37.52 m
5	Slotted pipe 200MM	29.55 m
6	Plain pipe 200MM	58.21 m
7	Reducer 350MMX200MM	0.16 m
8	Total assembly lower	125.44 m
9	AGL	0.45 m
10	BGL	124.99 m
11	Date of drilling start	21.03.15
12	Date of drilling complete	28.03.15
13	Date of lowering complete	29.03.15

**YIELD TEST OF TW BY 250 PSI COMPRESSOR**

Sl. No.	Starting pressure in Kg/Cm <sup>2</sup>	Running pressure in Kg/Cm <sup>2</sup>	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	10.0	2730	4500	3200	2700	2500	2000	Recommended for further development by O.P. Unit

**YIELD TEST OF TW BY 2 CU SEC O.P. UNIT**

Static W/L		Taste of water		Date of Test		Sounding of T.W. after development						Recommendation
4.30 m		Sweet		23.05.15		124.70 mtrs.						
S. No.	Discharge in inch	SWL in Mts.	RWL in Mts.	Depression in Mts.	Starting Min.	5 Min.	10 Min.	15 Min.	20 Min.	30 Min.		
1	9.5	2385	4.30	9.80	5.50	400	250	50	Tr	Cl	Cl	Recommended discharge is 1500 l.p.m at 4.50 Mtr. depression.
2	9.0	2033	4.30	9.40	5.10	250	100	50	Tr	Cl	Cl	
3	8.5	1814	4.30	9.10	4.80	150	50	Tr	Cl	Cl	Cl	
4	8.0	1536	4.30	8.80	4.50	50	Tr	Cl	Cl	Cl	Cl	

Checked BY

*(Signature)*  
 (Samarth Nandikar)  
 Computer

Developed By Comp. & O.P. Unit

*(Signature)*  
 (Megh Singh)  
 J.E.

*(Signature)*  
 (Rakesh Maurya / Yogesh Kumar)  
 J.E.

*(Signature)*  
 (Sehroz Dost)  
 A.E.

*(Signature)*  
 (Vivek Kushwaha)  
 Ex. Engineer