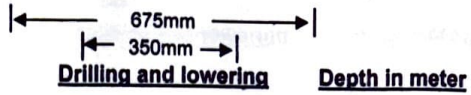
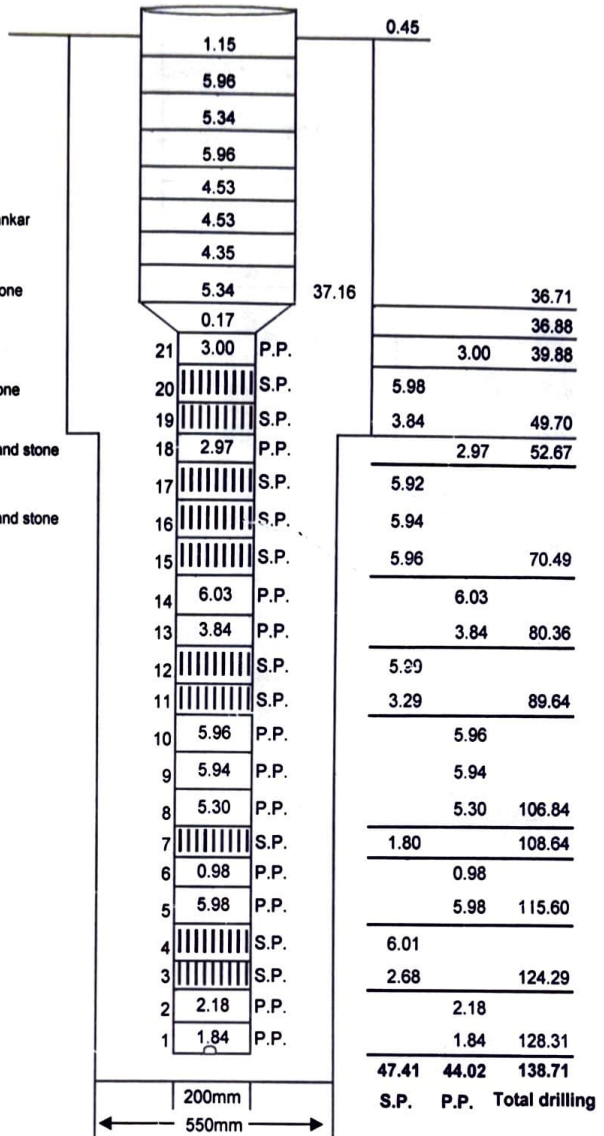


**OFFICE OF THE EXECUTIVE ENGINEER, CONST. DIVISION (E/M),
U.P. JAL NIGAM, BAREILLY.**

COMPLETION PLAN OF ASAFPUR W/S SCHEME T.W. BUDAUN 350MMX200MM SIZE DIST. BUDAUN UNDER: NRWSP.
AGENCY: DEPARTMENTAL BY: RC RIG MACHINE 600/27



S.No.	In feet	In meter	STRATA
1	0	5	0.00 1.52 Surface Clay
2	5	42	1.52 12.80 Clay
3	42	85	12.80 25.91 Fine to medium sand
4	85	105	25.91 32.00 Clay Kankar
5	105	166	32.00 50.60 Fine to medium sand, kankar
6	166	169	50.60 51.51 Clay
7	169	234	51.51 71.32 Fine to M. sand, Sand stone
8	234	242	71.32 73.76 Clay
9	242	260	73.76 79.25 Clay, kankar
10	260	297	79.25 90.53 Fine to M. sand, Hard stone
11	297	347	90.53 105.77 Clay Kankar
12	347	360	105.77 109.73 Fine to medium sand, Sand stone
13	360	375	109.73 114.30 Clay
14	375	415	114.30 126.49 Fine to medium sand, Sand stone
15	415	455	126.49 138.71 Clay, Hard stone
16	455		138.71 Total Drilling depth



1	size of bore 675 mm	47.25 m
2	size of bore 550 mm	91.46 m
3	Drilling depth	138.71 m
4	Housing pipe 300MM	37.16 m
5	Slotted pipe 200MM	47.41 m
6	Plain pipe 200MM	44.02 m
7	Reducer 300MMX200MM	0.17 m
8	Total assembly lower	128.76 m
9	AGL	0.45 m
10	BGL	128.31 m
11	Date of drilling start	26.09.2011
12	Date of drilling complete	04.10.2011
13	Date of lowering complete	05.10.2011

YIELD TEST OF TW BY 250 PSI COMPRESSOR

Date of Test		S.W.L.		Discharge		SAND CONTENTS IN P.P.M					Remark
17.10.2011		9.50 m		by V notch in		Starting	5	10	15	20	
Sl. No.	Starting pressure inKg/Cm ²	Running pressure inKg/Cm ²	Depression in meter	Inch	L.P.M.	Min.	min	min	min	min	
1	8.00	7.50	5.00	10.00	2713	3500	3200	2500	1500	1100	

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

Static W/L		Taste of water		Date of Test		Sounding of T.W. before development		Sounding of T.W. after development		SAND CONTENTS IN P.P.M.					Recommendation		
9.30 m		Sweet		04.11.2011		128.00 m		127.80 m		Starting	5	10	15	20		25	30
S. No.	Discharge in inch	SWL in Mts.	RWL in Mts.	Depression in Mts.	Starting Min.	5 Min.	10 Min.	15 Min.	20 Min.	25 Min.	30 Min.						
1	10.5	3060	9.30	13.45	4.15	800	350	150	50	Tr	Tr	Tr	Tr	Tr	Tr	Tr	Recommended discharge is 2300 l.p.m at 3.40 mtr. depression.
2	10.0	2730	9.30	13.05	3.75	300	100	50	Tr	Tr	Tr	Tr	Tr	Tr	Tr	Tr	
3	9.5	2385	9.30	12.70	3.40	50	Tr	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	

Checked BY _____ Lowcred By _____ Developed By Comp. & O.P. Unit

(Samarth Nandikar)
Computer

(N.C. Shankdhar)
J.E.

(H.S. Arya/S.N. Singh)
J.E.

(A.K. Samir)
A.E.

(S.P. Singh)
Ex. Engineer