

675mm

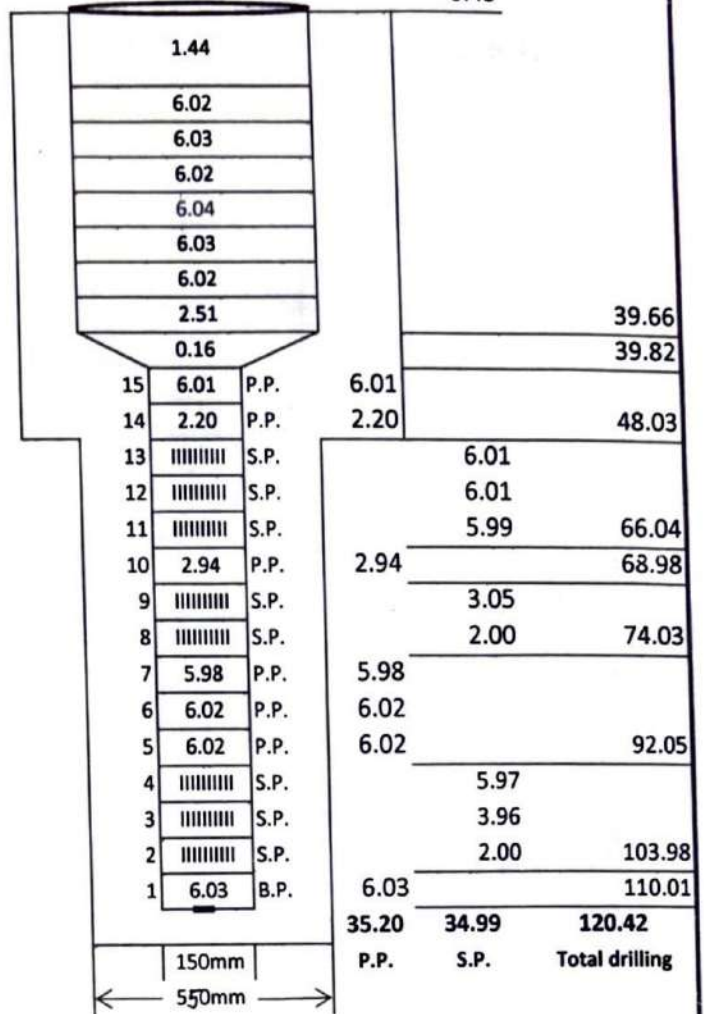
300mm

drilling and lowering

depth in meter

0.45

S.No.	in feet	in meter	strata
1	0.00	10.00	0.00 3.05 Surface Clay
2	10.00	55.00	3.05 16.76 Very fine sand
3	55.00	80.00	16.76 24.38 fine sand
4	80.00	85.00	24.38 25.91 Kankar
5	85.00	100.00	25.91 30.48 Clay
6	100.00	155.00	30.48 47.24 fine sand
7	155.00	200.00	47.24 60.96 Fine to Medium sand + sand stone
8	200.00	215.00	60.96 65.53 fine to medium sand
9	215.00	235.00	65.53 71.63 Medium sand
10	235.00	246.00	71.63 74.98 Coarse Sand + boulder
11	246.00	257.00	74.98 78.33 fine sand
12	257.00	290.00	78.33 88.39 Clay Kankar
13	290.00	295.00	88.39 89.92 fine sand
14	295.00	345.00	89.92 105.16 Medium sand
15	345.00	395.00	105.16 120.40 Clay
<b>Total Drilling Depth</b>			



1	Size of bore 675 mm	47.25	m
2	Size of bore 550 mm	73.17	m
3	Drilling depth	120.42	m
4	Housing pipe 300 mm dia	40.11	m
5	Slotted pipe 200mm	34.99	m
6	Plain pipe 200mm	35.20	m
7	Reducer 300mmx200mm	0.16	m
8	Total Assembly Lowered	110.46	m
9	AGL	0.45	m
10	BGL	110.01	m
11	Date of drilling start	20.08.2015	
12	Date of drilling complete	27.08.2015	
13	Date of lowering	28.08.2015	

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

Date of test - 15.10.2015      Static Water Level - 10.32 mtrs      Total Hours of Development - 67.00 hours

S.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 content in P.P.M.					REMARK
				inch	lpm	starting	5 MIN	10 MIN	15 MIN	20 MIN	
1	12.00	11.50	5.00	10.00	2730	7500	2600	1700	1100	800	Recommended further development by o.p.unit

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

Static Water Level - 15.60 mtrs      Taste of Water - Sweet      Date of test - 28.10.2015  
Sounding of T/W before development - 106.20 mtrs      Sounding of T/W after development - 106.10 mtrs

S.No.	discharge		SWL in mtr	RWL in mtr	Depression in meter	Sand content in P.P.M.						Recommendation	
	in inch	in lpm				starting	5 MIN	10 MIN	15 MIN	20 MIN	25 MIN		30 MIN
1	9.00	2033	15.60	18.00	2.40	600	200	100	50	Tr	Cl	Cl	Recommended discharge is 1500 LPM at 1.70 mtr depression
2	8.50	1814	15.60	17.60	2.00	450	150	50	Tr	Cl	Cl	Cl	
3	8.00	1536	15.60	17.30	1.70	250	Cl	Cl	Cl	Cl	Cl	Cl	

Checked by

Developed by Comp./ O.P. Unit

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Computer

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