

Completion Plan of DAIKEE VILLAGE W/S. SCHEMEDISTRICT SAHARANPURType of Rig m/c 600/27 R.C. RIG/M.

SIZE OF BORE

Spring Water Level 17.00 Mts.

Depth B. GL Meter	Boring Chart with representation	Stratum	Executed Assembly	AGL.	ABSTRACT
0.00	SURFACE CLAY			0.45	1. Drilling Started.....18-10-06.....
2.05	FINE SAND				2. Drilling Completed.....30-10-06.....
15.24	HARD CLAY		200 mm.	35.20	3. Lowering on.....30-10-06.....
18.28	FINE TO MED. SAND				4. Drilling Depth.....96.03.....M.
33.53					5. 200mm Dia Housing Pipe.....35.65.....M.
					200x150 mm REDUCER.....0.10.....M.
					6. 150mm Dia Blind Pipe.....36.17.....M.
					7. 150mm Dia Slotted Pipe.....18.66.....M.
	HARD CLAY				8. Discharge by Compressor.....1800 L.P.M.
52.43				18.03	9. Discharge by O. P. Unit.....000 L.P.M.
57.92	MED. SAND			3.70	10. Remark if any:-
	HARD CLAY		150mm	15.51	
71.64					
	MED SAND			14.96	
	BOULDER			2.63	
88.41					
96.03	HARD CLAY				

(K.C. SAKSANA)
J. E.

As Executed

(SURJEET SINGH)
A. E.

Countersigned

(D.R. SINGH)
E. E.

YIELD TEST REPORT BY COMPRESSOR

Date of Test 13/11/06 Static W/L 16.00 Taste of Water. Sweet

Discharge by V. Notch	Sand Contents In PPM						Remarks
In inches	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	60 M.
8"	1536	2300	1200	750	450	300	100
8 1/2"	1800	2450	1400	950	750	500	300

(K.K. Pandey)
J. E.

A. E.

E. E.

YIELD TEST REPORT

Static W/L.....17.00 M.....

Taste of water.....SWEET.....

Date of Test.....20-12-2006

Time	Discharge in L.P.M.	SWL in Mts	RWL in Mts	Depression in Mts	SAND CONTENTS IN P.P.M.						Recommendations.
					Starting	5 Min	10 Min	15 M	20 M	30 M	
1.	503	17.00	18.80	1.80	100	Tr	CL	CL	CL	CL	Recommended discharge ..800.... LPM at 2.70 mt depression. Recommended Pumping plant discharge..... Lpm. Pump should be run in by pass for 5 MIN. before injecting in rising main.
2.	612	"	19.00	2.00	150	50	Tr	CL	CL	CL	
3.	711	"	19.20	2.60	200	100	50	Tr	CL	CL	
4.	946	"	19.80	2.80	250	100	50	Tr	Tr	CL	
5.	1006	"	20.20	3.20	250	150	100	50	Tr	CL	

(K.K. PANDAY)
J. E.

(SURJEET SINGH)
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E. E.

VERTICALITY TEST REPORT

DIA of Disc.....190mm.....DIA of HOUSING.....200mm.....DATE OF TEST.....21-12-06

Height of Suspension.....3MT.....

Clear c.....5mm around the housing

DEPTH of Disc	Observed Deviation				Actual Deviation			
BGL In-Feet	E	W	N	S	E	W	N	S
0	0	0	0	0				
3	0	0	0	0				
6	0	0	0	0				
9	0	0	0	0				
12	1	0	1	0				
15	1	0	1	0				
18	1	0	2	0				
21	2	0	2	0				
24	2	0	2	0				

Circle Diagram

Chlorides
Nitrites
Fluorides : - NOT DETECTABLE
Ammonia
Hardness
Sulphates
Calcium
Magnesium
Total Hardness
Turbidity
pH
Dissolved Solids
Fixed Solids
Total Solids
Colour
Nitrate

CLEAR SPACE.....At.....
.....At.....

CHEMICAL TEST REPORT

DATE OF TEST :- 26-05-2007

AGENCY :- 120 MLD. WATER TREATMENT PLANT
LAB. PRATAP VIHAR GZB.

Mg/Lit	mg/Lit	mg/Lit	mg/Lit
Colour	Hardness Temp.	Chlorides	46
Nitrates	4.5	Copper	
PH	7.90	Iron :- NOT DETECTABLE	
Total Solids		Fluorides :- NOT DETECTABLE	
Dissolved Solids	450	Ammonia	
Fixed Solids		Sulphates	30
Total Hardness (CaCO ₃)	248	Calcium	69
Permanent Hardness		Magnesium	21.4
		Turbidity	0.2

Draught Man

J.E. (K.K. PANDAY)

A.E. (SURJEET SINGH)

E.E. (D.R. SINGH)