

JAL NIGAM YANTRIK SHAKHA U.P. JAL NIGAM MEERUT

15

Completion Plan of KHUSHALIPUR W/S. T.W.

DISTRICT SAHARANPUR

Type of Rig m/c PERCUSSION R/M

SIZE OF BORE 450/400/350 mm

Spring Water Level 35 Mts.

Depth B. GL Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0.00	SURFACE CLAY			1. Drilling Started..... <u>8-8-06</u>
1.00	BAJRI-BOULDER			2. Drilling Completed..... <u>5-2-07</u>
9.00				3. Lowering on..... <u>7-2-07/25-2-07</u>
	HARD CLAY		300 mm.	4. Drilling Depth..... <u>121.50</u> M
			59.90	5. <u>300mm</u> Dia Housing Pipe..... <u>60.30</u> M.
45.00				6. <u>200mm</u> Dia Blind Pipe..... <u>37.63</u> M.
	CLAY BAJRI			7. <u>200mm</u> Dia Slotted Pipe..... <u>24.08</u> M.
	BOULDER		S. JOINT	8. Discharge by Compressor
64.00			60.10	9. Discharge by O. P. Unit..... <u>900 LPM</u>
68.00	BAJRI BOULDER CLAY		60.15	10. Remark if any :-
72.00	F-SAND-BAJRI BOULDER		71.17	
	CLAY-BOULDER & F-SAND		200mm	
82.00			82.21	
85.00	BAJRI BOULDER SAND		84.22	
87.00	CLAY BAJRI		87.25	
96.00	CORE SAND-BAJRI BOULDER		95.27	
104.00	HARD CLAY & BOULDER		104.31	
	HARD CLAY & BOULDER		115.34	
116.00			121.31	
121.50	HARD CLAY			

(Lokesh Kumar)
As Executed
J. E.

(S.P. SHARMA)
A. E.

Counter signed
(D.R. SINGH)
E. E.

YIELD TEST REPORT BY COMPRESSOR

Date of Test 6-4-07 Static W/L 35 Mts. Taste of Water. SWEET

Discharge by V. Notch	Sand Contents In PPM						Remarks	
	Inches	In Lpm	Start	5 Min	10 Min	15 Min		30 Min
6.5"	900	1500	450	150	Tr.	CL	CL.	

(Signature)
J.E.

(Signature)
A.E.

(Signature)
E.E.

YIELD TEST REPORT

Static W/L 39.60 M

Taste of water SWEET

Date of Test 1.5.2007

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	25 M	30 M	
1.	1000	39.60	47.25	7.65	150	50	Tr	CL	CL	CL	CL	Recommended discharge <u>900 LPM</u> at <u>7.00</u> mt depression. Recommended Pumping plant discharge..... Lpm.
2.	900	39.60	46.60	7.00	100	Tr	CL	CL	CL	CL	CL	
3.	800	39.60	46.00	6.40	50	Tr	CL	CL	CL	CL	CL	
4.	600	39.60	44.80	5.20	50	Tr	CL	CL	CL	CL	CL	

(K.C. SAXSENA)
J. E.

(S.P. SHARMA)
A. E.

(D.R. SINGH)
E. E.

VERTICALITY TEST REPORT

DIA of Disc 288 mm Dia of HOUSING 300 mm DATE OF TEST

Height of Suspension 5 mtr

Clear c. 6 mm

DEPTH of Disc BGL In FEET	Observed Deviation				Actual Deviation			
	E	W	N	S	E	W	N	S
0	0	0	0	0	0	0	0	0
3M	0	0	1	0	0	0	8	0
6M	0	1	1	0	0	9	9	0
9M	0	2	1	0	0	14	10	0
12M	0	2	0	1	0	16	0	11
15M	0	3	0	2	0	24	0	18
18M	0	3	2	0	0	27	20	0
21M	0	4	3	0	0	38	30	0
24M	0	4	2	0	0	42	24	0
27M	0	4	3	0	0	46	36	0

Circle Diagram

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

CHEMICAL TEST REPORT

DATE OF TEST

AGENCY

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit
Colour		Hardness Temp.		
Nitrates		Copper	Chlorides	
PH		Iron	Nitrites	
Total Solids		Total Alkanity	Florides	
Dissolved Solids		Sulphates	Amonia	Remarks
Fixed Solids		Calcium		
Total Hardness (CaCO ₃)		Megnecium		