

JAL NIGAM YANTRIK SHAKHA

U.P. JAL NIGAM MEERUT

Completion Plan of SITE PLAN OF KHUJNAVAR T.W., DISTRICT SAHARANPUR.

Type of Rig no/s R.C. SIZE OF BORE 615/600

Spring Water Level 12.20 MSL

Depth B. O. Meter	Strata	Excavated Assembly	ABSTRACT
0.00	CLAY	117.6	1. Drilling Started <u>29.4.26</u>
12.75	MEDIUM SAND	300.00	2. Drilling Completed <u>29.5.26</u>
21.75	CLAY	35.00	3. Lowering in <u>4/5 to 5-5.26</u>
32.00	M.S. SAND	35.00	4. Drilling Depth <u>135.00</u> M
35.25	CLAY	35.00	5. 75mm Dia Housing Pipe <u>35.33</u> M
42.27	M.S. SAND	42.27	6. 200mm Dia Blind Pipe <u>53.28</u> M
45.21	CLAY	45.21	7. 200mm Dia Slotted Pipe <u>26.28</u> M
50.70	MED. SAND	51.00	8. Discharge by Compressor <u>1.536</u> LPM
57.31	CLAY	57.00	9. Discharge by O. P. Unit <u>1.100</u> LPM
69.10	MED. SAND	59.25	10. Remark if any :-
75.30	CLAY	75.21	
82.70	MED. SAND	82.25	
85.65	CLAY	85.27	
	CLAY	200mm	
115.35	FINE SAND	115.31	
120.30	CLAY	120.36	
126.30	FINE SAND	126.41	
135.00	CLAY	135.46	
		137.51	

E.E. (D.R. SINGH) YIELD TEST REPORT BY COMPRESSOR E.E. (D.R. SINGH)

Date of Test 16-5-26 State W.L. 12.00 Taste of Water SWEET

Dist. by 8. inch	Sand Contents in PPM				Remarks	
	1500	500	100	50		
8"	1536	1500	500	100	50	Tr
1"						

E.E. (D.R. SINGH)

FIELD TEST REPORT

Static W/L 15.50 M

Taste of water SWEET

Date of Test 22-6-2006

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	30M	
1.	1230	15.50	20.00	4.50	50	Tr.	CL.	CL.	CL.		Recommended discharge <u>1400 LPM</u> at <u>5.15 mt</u> depression. Recommended Pumping plant discharge.....Lpm. pump shall be run 5 mts. in bye pass before rising main line.
2.	1400	"	20.65	5.15	100	Tr.	CL.	CL.	CL.		
3.	1608	"	21.45	5.95	200	50	20	Tr.	Tr.		
4.	1741	"	22.30	6.80	300	100	30	30	20		
5.	1968	"	23.60	8.10	500	200	90	Tr.	Tr.		

(AKRAMALI)
J. E.

(R.P. BANSAL)
A. E.

(D.R. SINGH)
E. E.

VERTICALITY TEST REPORT

DIA of Disc Dia of HOUSING DATE OF TEST

Height of Suspension

Clear c

DEPTH of Disc In FEET	Observed Deviation				Actual Deviation:			
	E	W	N	S	L	W	N	S

Circle Diagram

CLEAR SPACE At

..... At

CHEMICAL TEST REPORT

DATE OF TEST :- 19-7-2006

AGENCY :- INDIAN INSTITUTE OF TECHNOLOGY

ROORKEE

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit
Colour	COLOURLESS	Hardness Temp.	Chlorides	10.0
Nitrates		Copper	Nitrites	
PH	7.56	Iron	Florides	
Total Solids	493.0	Total Alkanity	Amونيا	
Dissolved Solids	445.0	Sulphates	SODIUM <u>as Na</u>	21.9
Fixed Solids		Calcium		
Total Hardness (CaCO ₃)	225	Magnesium		
Permanent Hardness		Turbidity	20.0	

Drawn by: [Signature]

J.E.

A.E. (R.P. BANSAL)

E.E. (D.R. SINGH)