

**JAL NIGAM YANTRIK KHAND
U.P. JAL NIGAM MEERUT
Completion Plan of Tube Well**

Name of Scheme Gaahi Abdullah W/S/S

Spring water level Inc. Mtrs. 14.90mt.

Total No. of Tube well Provided in the Scheme ONE

Size of Bore in M.M. 67.5X55.0mm

Number & Location of tube-well Executed Neary O.H.T.

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Name of Contractor M/s. Priant. Drilling Co. (PVT) LTD GZB

Date of Completion of T.W. 5.05.14

Depth B. GL Meter	Boring Chart with represtation	Stratum	Executed Assembly		ABSTRACT
				.75	
0-10.67 10.67-13.72		CLAY F-SAND			<p>1. Drilling Started <u>20-02-14</u></p> <p>2. Drilling Completed <u>28-02-14</u></p> <p>3. Lowering on <u>04-03-14</u></p> <p>4. Drilling Depth <u>150.48</u> M AGL <u>.75</u></p> <p>5. <u>350mm</u> Dia Housing Pipe <u>41.92</u> M <u>350X200</u></p> <p>6. <u>75mm</u> Dia Reducer <u>.10</u> M</p> <p>7. <u>200mm</u> Dia Blind Pipe <u>59.87</u> M</p> <p>8. <u>200mm</u> Dia Slotted Pipe <u>38.99</u> M</p> <p>9. Discharge by Compressor <u>2106 LPM</u></p> <p>10. Discharge by O.P. Unit <u>2500 LPM</u></p> <p>11. Remark if any:- <u>Detail of P/Plant</u></p> <p>1. Make - Varuna</p> <p>2. Discharge - 2500 LPM</p> <p>3. Head - 50 Mt.</p> <p>4. Stage - 3</p> <p>5. H-P - 45</p> <p>6. Column pipe - Dia 200mm 33mt length</p>
13.72-32.01		M-SAND			
32.01-38.10 38.10-41.16 41.16-42.20		CLAY F-SAND M-SAND			
42.20	43.90	clay	3.75	41.92 42.02	
43.90	52.60	M Sand	5.65	45.77 51.42	
52.60	62.12	clay	11.73	63.15 68.15	
62.12	70.18	M. Sand	5.00	81.15	
70.18	80.00	V. fine sand	13.00	86.21	
80.00	87.18	M. Sand	5.06	100.62	
87.18	99.25	clay	14.41	112.60	
99.25	113.58	M. Sand		124.28	
113.58	122.82	clay	11.98	135.58	
122.82	135.45	M. Sand		140.88	
135.45	150.48	clay	11.68		
			11.30		
			5.30		

As Executed

Countersigned

Contractor

J. E.

A. E.

E. E.

YIELD TEST OF BY COMPRESSOR

Date of Test 27-04-14 Static W/L 15.30 M Taste of Water. Sweet

Discharge by V. Notch	Sand Contents In PPM							Remarks
	In cm.	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	
9"	2106	300	150	150	T ₂	CL	CL	

Contractor

J. E.

A. E.

E. E.

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SIZE of ORIFICE - 150x125 MM Φ YIELD TEST REPORT

Static W/L 14.90 mt Taste of water Sweet Date of Test 05-05-14

Height of
Water
in
Disc

Discharge in LPM	SWL in Mts	RWL in Mts	Depression in Mts	SAND CONTENTS IN P. P. M.						Recommendations.	
				Starting	5 Min.	10 Min.	15 M	20M.	30M		
460	3168	14.90	19.70	4.80	300	200	100	100	Tr	CP	Recommended discharge 2500 LPM at 4.50 mt depression Recommended Pumping plant discharge Lpm.
400	2959	14.90	19.40	4.50	200	100	Tr	Tr	CP	CP	
300	2528	14.90	19.40	4.50	Tr	CP	CP	CP	CP	CP	

Contractor J. E. A. E. E. E.

VERTICALITY TEST REPORT

DIA of Disc Dia of HOUSING DATE OF TEST

Height of Suspension

Clear

DEPTH OF Disc	Observed Deviation				Actual Deviation			
	E	W	N	S	E	W	N	S
BGL in MTC								

Circle Diagram

CLEAR SPACE At

..... At

CHEMICAL TEST REPORT

DATE OF TEST 8-5-14 AGENCY EE Ist U.P. J.N. MEERUT

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour		Hardness Temp	Chlorides	15	
Nitrates		Copper	Nitrate	10.63	
PH	7.66	Iron	Flouridus	138	
Total Solids		Total Alkanity	Amonia		
Dissolved Solids	243	Sulphates			
Fixed Solids		Calcium			
Total Hardness (C.Co.)	120	Megnecium			
Permanent Hardness		Turbidity	2.37		

Draughts Man J. E. A. E. E. E.