JAL NIGAM YANTRIK KHAND
U.P. JAL NIGAM MEERUT

Completion Plan of Tube Well

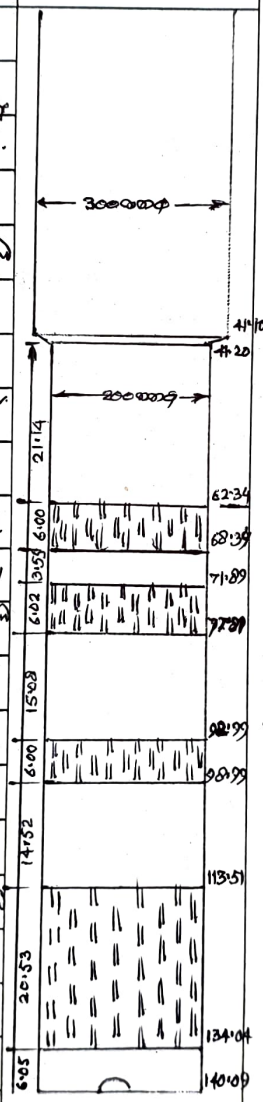
Name of scheme ..TISANG WLS SCHEME T.W.NO 1 Spring water level in Mtrs.....19.67.....

Total No. of tube well provided in the scheme.....TWO NO..... Size of Bore in M.M. 675 x 550 mm ϕ

Number & Location of tube-well executed.....NO 1..... Date of Completion of T.W. 27/06/16

Name of contractor....M/s.....Parkash Borewers Meerut

Depth B.G.L. in Meter	Boring Chart with representation	Stratum
0 – 15.24		surface clay
15.24 – 21.34		Fine to Med. Sand
21.34 – 24.38		Hard clay
24.38 – 27.43		Sandy clay
27.43 – 33.53		Fine to Med sand
33.53 – 39.62		sandy clay
39.62 – 48.77		YELLOW F – MED SAND
48.77 – 51.81		clay + kankar
51.81 – 60.96		FINE – SAND
60.96 – 67.06		F-Med sand.
67.06 – 70.10		very Fine Sand
70.10 – 79.25		Fine to Med Sand
79.25 – 91.44		YELLOW F-Med SAND
		Med sand
91.44 – 100.58		Yellow Fine to Med sand.
100.58 – 112.11		Med – coarse sand
112.11 – 115.62		
115.62 – 135.09		coarse sand
135.09 – 147.80		Fine Sand



ABSTRACT

1. Drilling Started.....19/05/16.....
2. Drilling Completed...30/05/16.....
3. Lowering on.....01/06/16.....
4. Drilling Depth.....147.80.....M
5. 300 mm dia Housing Pipe.....41.82.....M
6. ~~300 x 200~~ mm dia Reducer Pipe.....110.....M
7. 200 mm dia Blind Pipe.....60.34.....M
8. 200 mm dia Slotted Pipe.....38.55.....M
9. Discharge by Compressor.....1872.....LPM
10. Discharge by O.P. Unit.....1300.....LPM
11. Remark if any:-

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

YIELD TEST OF TW BY COMPRESSOR

Date of Test | Static W/L | Taste of Water.

Discharge by V. Notch		Stand Contents In PPM						Remarks
In cm.	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	60 Min	
22	1877	1200	700	200	50	Tr	Cl.	

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

YIELD TEST REPORT BY O.P. UNIT

Size of orifice 6" x 5" | Taste of water Sweet | Date of Test 27/06/16

Height of water column in orifice tube (c.m.)	Discharge in L.P.M.	SWL in Mts	RWL in Mts	Depression in Mts	SAND CONTENTS IN P. P. M. Starting	5 Min.	10 Min.	15 M.	20 M.	25 M.	30 M.	Recommendations.
8"	1384	10.67	13.07	2.40	50	Cl	Cl	Cl	Cl	Cl	Cl	Recommended discharge ...1300...LPM at 2.40mt depression. Recommended Pumping plant discharge..1300.Lpm.
10"	1487	10.67	13.17	2.50	150	Tr	Cl	Cl	Cl	Cl	Cl	
12"	1687	10.67	13.27	2.60	200	50	Cl	Cl	Cl	Cl	Cl	
16"	1872	10.67	13.42	2.75	400	100	Tr	Cl	Cl	Cl	Cl	
19"	2027	10.67	13.57	2.90	500	200	50	Cl	Cl	Cl	Cl	

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

CHEMICAL TEST REPORT

DATE OF TEST | AGENCY

Mg/Lit	mg/Lit	mg/Lit	mg/Lit
Colour	Hardness Temp.	Chlorides	Remarks
Nitrates	Copper	Nitride	
PH	Iron	Florides	
Total Solids	Total Alkanity	Amonia	
Dissolved Solids	Sulphates		
Fixed Solids	Calcium		
Total Hardness (C_aCo_3)	Megnecium		
Permanent Hardness	Turbidity		

J. E. | A. E. | E. E.