

Completion Plan of Tube Well

Name of Scheme M. Nigam Meera Janakpur - UP - Meerut - Program - Spring water level in Mts. 11.58
 Total No. of Tube well Provided in the Scheme 16 - 018 - 000 Size of Bore in MM 615 - 650
 Number & Location of tube well Executed 16 - 018 - 000 Date of Completion of T.W. 12/27/19
 Name of Contractor Shri. Shri. Basu. Ram. Meera

Depth B. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0-09		stiff clay	250 mm dia. Pipe	1. Drilling Started <u>21.29.19</u>
9-18		loose sand		2. Drilling Completed <u>22.05.19</u>
18-30		sandy clay		3. Lowering on <u>28.11.19</u>
36-42		yellow sand		4. Drilling Depth <u>131</u> M
42-45		hard clay		5. 350 mm Dia Housing Pipe <u>47.76</u> M
48-51		Fine sand		6. 507 mm Dia Reducer <u>15</u> M
51-54		h.M. sand		7. 409 mm Dia Blind Pipe <u>42.73</u> M
54-57		Med. sand		8. 409 mm Dia Slotted Pipe <u>35.74</u> M
57-63		Fine sand		9. Discharge by Compressor <u>1512</u>
63-84		Fine sand		10. Discharge by O.P. Unit <u>2070 LPH</u>
84-93		Med sand + gravel	11. Remark if any:-	
93-102		Fine sand		
99-113		Med sand + gravel		
113-123		V. fine sand		

As Executed [Signature] J. E. Countersigned [Signature] E. E.
 Contractor [Signature] A. E.

YIELD TEST OF TW BY COMPRESSOR

Date of Test 14.7.20 Static W/L 11.60 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	60 Min	
<u>20</u>	<u>1512</u>	<u>1600</u>	<u>9000</u>	<u>6350</u>	<u>2500</u>	<u>600</u>	<u>250</u>	

Contractor [Signature] J. E. A. E. E. E. [Signature]

YIELD TEST REPORT

Static W/L..... 11.60 MT Taste of water..... Sweet..... Date of Test..... 12.07.10.....

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.	20M.	25 M.	30M.	
2526	11.00	15.95	4.35	05	Tr	cl	cl	cl	cl	cl	Recommended discharge 2500 LPM at 4.30 mt depression. Recommended Pumping plant discharge 2500 Lpm.	
2953	11.60	17.10	5.50	160	90	Tr	cl	cl	cl	cl		
3298	11.60	18.20	6.60	450	300	200	100	Tr	cl	cl		
3600	11.60	19.40	7.80	800	500	300	200	100	Tr	Tr		

Contractor
J. E.
A. E.

VERTICALITY TEST REPORT

DIA of Disc..... 324 mm Dia of HOUSING..... 336 mm DATE OF TEST..... 20.7.2010

Height of Suspension..... 3.00 mt

Clear..... 12 mm

Circle Diagram

DEPTH OF Disc	Observed Deviation				Actual Deviation				
	BGL In MTC.	E	W	N	S	E	W	N	S
3	0	0	0	0	0	0	0	0	0
6	1	0	0	0	8	0	0	0	0
9	1	0	1	0	9	0	9	0	0
12	2	0	1	0	16	0	10	0	0
15	3	0	2	0	24	0	8	0	0
18	3	0	3	0	27	0	27	0	0
21	4	0	4	0	38	0	38	0	0
24	4	0	5	0	42	0	51	0	0

CLEAR SPACE..... 276 mm At 24 mt

..... At

CHEMICAL TEST REPORT

AGENCY EE C.D. U. P. JAL NIGAM MZN.

DATE OF TEST 20-07-10

		Mg/Lit	mg/Lit	mg/Lit	Remarks
Colour	Colour Less		Hardness Temp.	Chlorides 32	POTABLE.
Nitrates			Copper	Nitrate 7.00	
PH	8.20		Iron NIL	Flouridus	
Total Solids			Total Alkinity 348	Amonia	
Dissolved Solids	319		Sulphates	NITRITE NIL	
Fixed Solids			Calcium	RESIDUAL CHLORINE - NIL	
Total Hardness (CaCO ₃)	268		Megneecium	BACTERIOLOGICAL (P/M) NIL	
Permanent Hardness			Turbidity		

J. E.

A. E.

E. E.