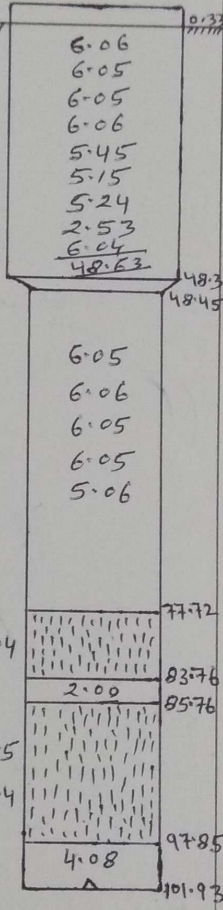


JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT

Completion Plan of Tube Well

Name of scheme NAGLAJHANDA WIS SCHEME Spring water level in Mtrs. 9.30
 Total No. of tube well provided in the scheme ONE Size of Bore in M.M. 600x450
 Number & Location of tube-well executed NEAR OHT Date of Completion of T.W. 28.8.17
 Name of contractor M/S. A.S.I. ENTERPRISES MEERUT

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0.00				
10	0.00 - 3.00	surface clay	6.06	1. Drilling Started <u>27-6-17</u>
20	3.00 - 10.00	sandy clay	6.05	2. Drilling Completed <u>3-7-17</u>
30	10.00 - 19.00	clay tankar	6.05	3. Lowering on <u>6-7-17</u>
40	19.00 - 34.00	sand Boulders	6.06	4. Drilling Depth <u>118.00</u> M
50	34.00 - 43.00	clay	5.45	5. <u>250</u> mm dia Housing Pipe <u>48.63</u> M
55	43.00 - 53.00	coarse sand	5.15	6. <u>250</u> mm dia Reducer Pipe <u>0.15</u> M
60	53.00 - 58.00	clay	5.24	7. <u>150</u> mm dia Blind Pipe <u>35.35</u> M
65	58.00 - 64.00	med. sand	2.53	8. <u>150</u> mm dia Slotted Pipe <u>18.13</u> M
70			6.05	9. Discharge by Compressor <u>650</u> LPM
75	64.00 - 77.00	clay	6.06	10. Discharge by O.P. Unit <u>700</u> LPM
80			6.05	11. Remark if any:-
85			6.05	
90		Sand	6.05	
95	77.00 - 100.00	Boulders	6.04	
100			4.08	
105				
110				
115	100 - 118.00	clay		
120				



Ajay

Countersigned

YIELD TEST OF TW BY COMPRESSOR

Date of Test 28-8-12 Static Wtl. 10.2.0 Table of Water 5.1/2.2

Discharge by (Y Meter)		Static Contents in PPM						Remarks
in cm	in liter	5 Min	10 Min	15 Min	20 Min	25 Min	30 Min	
5"	650	450	300	200	150	Tr	Tr	

Agar
Contractor

Saha
J.E.

Agar
J.E.

Agar
E.E.

YIELD TEST REPORT BY O.P. UNIT

Size of orifice 150 mm dia Taste of water 5.1/2.2 Date of Test 28-8-12

Depth of water drawn at orifice (in cm)	Discharge in LPM	SWL in Mts	TWL in Mts	Depression in Mts	SALT CONTENTS IN P.P.M.							Recommendations
					5 Min	10 Min	15 Min	20 Min	25 Min	30 Min		
2"	620	9.15	10.0	0.85	20	U	U	U	U	U	U	Recommended discharge <u>300</u> LPM at <u>0.5</u> mt depression. Recommended Pumping plant discharge <u>300</u> Lpm.
6"	750	9.15	10.20	1.05	35	Tr	U	U	U	U	U	
16"	952	9.15	10.26	1.21	45	30	10	Tr	U	U	U	
20"	672	9.15	10.42	1.32	60	45	30	Tr	U	U	U	
25"	1204	9.15	10.63	1.48	70	55	40	20	Tr	U	U	

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Contractor

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J.E.

Agar
E.E.

CHEMICAL TEST REPORT

DATE OF TEST 28-8-12

AGENCY EE, FIRST DIV, VDCM, P. CO. ART

mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Color <u>Slightly</u>	Hardness Temp.	Chlorides <u>11</u>		
Alkalinity <u>13.29</u>	Copper	Hardness <u>N/A</u>		
SO ₄ <u>7.39</u>	Iron <u>0.154</u>	Fluorides <u>0.246</u>		
Total Solids	Total Alkalinity <u>150</u>	Arsenic		
Total Dissolved Solids <u>121</u>	Sulphates <u>3.16</u>	Formal Chlorine <u>N/A</u>		
Total Solids	Calcium			
Total Hardness (Calc) <u>118</u>	Magnesium			
Permanent Hardness	Turbidity <u>2.55</u>			

Saha
J.E.

Agar
J.E.

Agar
E.E.