

JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT

Completion Plan of Tube Well

Name of scheme KHUSHALIPUR WS SCHEME

Spring water level in Mtrs. 9.40

Total No. of tube well provided in the scheme Two

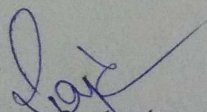
Size of Bore in M.M. 600x550

Number & Location of tube-well executed ZONE-II KHUSHALIPUR

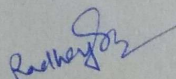
Date of Completion of T.W. 26-8-16

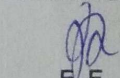
Name of contractor M/S. PIONEER DRILLING CO. PVT. LTD. GZB.

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0.00				
10	0.00 - 7.62	surface clay	6.06 6.05 6.05 6.04	1. Drilling Started..... <u>17-6-16</u>
20	7.62 - 19.81	clay	6.02 6.05 6.15 6.06	2. Drilling Completed..... <u>29-6-16</u>
30	19.81 - 28.96	Sandy clay Bajri	48.48	3. Lowering on..... <u>30-6-16</u>
40		med. Sand Boulder		4. Drilling Depth..... <u>119.95</u> M
50	28.96 - 54.87			5. <u>250</u> mm dia Housing Pipe..... <u>48.48</u> M
60	54.87 - 57.92 57.92 - 60.97 60.97 - 65.54	CLAY m. Sand + Boulder CLAY + Boulder FINE med. Sand Boulder	2.00 1.50 6.02 4.70 54.17 58.87 60.87 6.03 66.90 68.40 6.05 74.45 6.04 80.49 86.57 92.63	6. <u>250</u> mm dia Reducer Pipe..... <u>0.15</u> M <u>150</u>
70	65.54 - 68.59	clay		7. <u>150</u> mm dia Blind Pipe..... <u>42.24</u> M
80	68.59 - 79.26	med. Sand Boulder	6.08 6.06	8. <u>150</u> mm dia Slotted Pipe..... <u>20.87</u> M
90	79.26 - 94.51			9. Discharge by Compressor..... <u>480</u> LPM
100	94.51 - 100.60	clay bajri	6.04 3.02 104.69	10. Discharge by O.P. Unit..... <u>500</u> LPM
110	100.60 - 107.31	coarse Sand Boulder	2.53 2.70 3.02 106.92 109.94 112.26	11. Remark if any:-
120	107.31 - 119.95	clay		


Contractor


J. E.

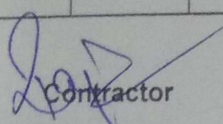
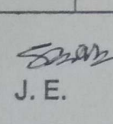
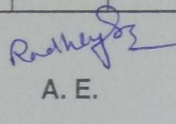
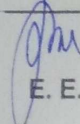

A. E.

Countersigned

E. E.

YIELD TEST OF TW BY COMPRESSOR

Date of Test 16-7-16 Static W/L 9-20 Taste of Water. sweet

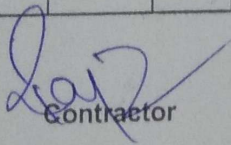
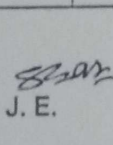
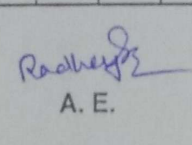
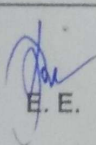
Discharge by V. Notch		Stand Contents In PPM						Remarks
In cm.	In Lpm	Start	5 Min	10 Min	15 Min	30 Min	60 Min	
6"	480	150	100	Tr	el	el	el	

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

YIELD TEST REPORT BY O.P. UNIT

Size of orifice 250X 150 mm. Taste of water sweet Date of Test 26-8-16

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.							Recommendations.
					Starting	5 Min.	10 Min.	15 M.	20 M.	25 M.	30 M.	
8	465	9.14	11.19	2.05	el	el	el	el	el	el	el	Recommended discharge <u>500</u> LPM at <u>2.10</u> mt depression. Recommended Pumping plant discharge <u>500</u> Lpm.
10	505	9.14	11.24	2.10	Tr	el	el	el	el	el	el	
15	615	9.14	11.38	2.24	50	Tr	el	el	el	el	el	
25	800	9.14	11.63	2.49	120	40	Tr	el	el	el	el	
35	950	9.14	11.82	2.68	150	80	20	Tr	el	el	el	

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

CHEMICAL TEST REPORT

DATE OF TEST 26-8-16 AGENCY PM, Cont Unit, VPTM, SRE.

Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour <u>545</u>	Hardness Temp.	Chlorides <u>18</u>		
Nitrates <u>0.64</u>	Copper	Nitride <u>Nil</u>		
PH <u>7.13</u>	Iron <u>0.21</u>	Florides <u>0.10</u>		
Total Solids	Total Alkanity <u>242</u>	Amonia		
T. Dissolved Solids <u>216</u>	Sulphates <u>10</u>	<u>Residual Chloride Nil</u>		
Fixed Solids	Calcium			
Total Hardness (CaCO ₃) <u>230</u>	Megnecium			
Permanent Hardness	Turbidity			