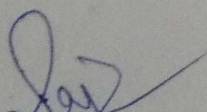


JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT

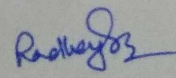
Completion Plan of Tube Well

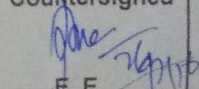
Name of scheme Khusshali Pur, 45 scheme Spring water level in Mtrs. 7.95
 Total No. of tube well provided in the scheme Two Size of Bore in M.M. 600 x 550
 Number & Location of tube-well executed Zone-III, Bad Sahpur Date of Completion of T.W. 23.8.16
 Name of contractor M/S. Pioneer Drilling Co (P) Ltd. GZB.

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0.00	0.00-7.62	Surface clay	6.05 6.05 6.05 6.05 6.04 6.04 6.06 6.04 <u>48.38</u>	1. Drilling Started..... <u>18-6-16</u>
10	7.62-13.71	clay + gravel sand		2. Drilling Completed..... <u>1-7-16</u>
20	13.71-25.91	clay + bgn		3. Lowering on..... <u>3-7-16</u>
30	25.91-32.01	sand + bgn		
40	32.01-44.20	clay		
50	44.20-50.30	Sandy clay		4. Drilling Depth..... <u>119.98</u> M
55	50.30-59.45	coarse sand + gravel	6.05	5. <u>250</u> mm dia Housing Pipe..... <u>48.38</u> M
60	59.45-64.02	clay	6.05	6. <u>250</u> mm dia Reducer Pipe..... <u>0.15</u> M
65	64.02-71.64	Sandy clay + Boulder	6.04	7. <u>150</u> mm dia Blind Pipe..... <u>48.35</u> M
70	71.64-77.74	clay	6.04	8. <u>150</u> mm dia Slotted Pipe..... <u>15.43</u> M
75			6.03	9. Discharge by Compressor..... <u>325</u> LPM
80			6.05	10. Discharge by O.P. Unit..... <u>350</u> LPM
85	77.74-91.46	Coarse sand + Boulder	6.03	11. Remark if any:-
90			3.03	
95			3.03	
100	91.46-103.05	clay	6.03	
105	103.05-108.23	Coarse sand	1.50	
110			4.55	
115	108.23-119.98	clay	3.35	
120				


Contractor


J. E.


A. E.

Countersigned

E. E.

YIELD TEST OF TW BY COMPRESSOR

Date of Test 5-8-16 Static W/L 7-80 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	
4.33"	325	100	50	Tr	cl	cl	cl	

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

YIELD TEST REPORT BY O.P. UNIT

Size of orifice 100 x 75 m.m. Taste of water sweet Date of Test 23-8-16

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.	
6	386	7.62	9.52	1.90	cl	cl	cl	cl	cl	cl	cl	Recommended discharge <u>350</u> LPM at <u>1.90</u> mt depression. Recommended Pumping plant discharge <u>350</u> Lpm.
10	500	7.62	9.62	2.00	cl	cl	cl	cl	cl	cl	cl	
16	636	7.62	9.74	2.12	20	Tr	Tr	cl	cl	cl	cl	
22	750	7.62	9.87	2.25	35	10	cl	cl	cl	cl	cl	
30	871	7.62	10.02	2.40	50	10	Tr	cl	cl	cl	cl	

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

CHEMICAL TEST REPORT

DATE OF TEST 23-8-16 AGENCY PM, Const Unit, V.P.J.N, SYE

Mg/Lit	mg/Lit	mg/Lit	mg/Lit
Colour <u>34404</u>	Hardness Temp.	Chlorides <u>13</u>	Remarks
Nitrates <u>1.03</u>	Copper	Nitride <u>Nil</u>	
PH <u>7.2</u>	Iron <u>0.32</u>	Florides <u>0.10</u>	
Total Solids	Total Alkanity <u>240</u>	Amonia	
T. Dissolved Solids <u>210</u>	Sulphates <u>6</u>	<u>Residual Chloride - Nil</u>	
Fixed Solids	Calcium		
Total Hardness (CaCo ₃) <u>234</u>	Megnecium		
Permanent Hardness	Turbidity		

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