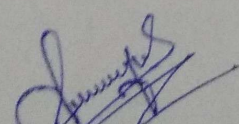


JAL NIGAM YANTRIK KHAND U.P. JAL NIGAM MEERUT

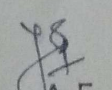
Completion Plan of Tube Well

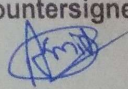
Name of scheme HUSSAIN MALAKPUR WIS SCHEME Spring water level in Mtrs. 16.95
 Total No. of tube well provided in the scheme ONE Size of Bore in M.M. 600x550
 Number & Location of tube-well executed O.H.T. CAMPUS Date of Completion of T.W. 25.7.17
 Name of contractor M/S PIONEER DRILLING CO. PVT. LTD.
G12B.

Depth B.G.L. in Meter	Boring Chart with representation	Stratum	Executed Assembly	ABSTRACT
0-00				
10	0.00 - 3.00	Surface Soil	6.05	1. Drilling Started <u>30-5-17</u>
20	3.00 - 16.00	clay	6.05	2. Drilling Completed <u>26.6.17</u>
30	16.00 - 21.00	ROULIDERS	6.16	3. Lowering on <u>29.6.17</u>
40	21.00 - 23.00	SAND	6.19	4. Drilling Depth <u>112.00</u> M
50	23.00 - 34.00	FINA SAND	6.04	5. 250 mm dia Housing Pipe <u>48.62</u> M
55	34.00 - 43.00	SANDY clay	6.05	6. 250 mm dia Reducer Pipe <u>0.15</u> M
60	43.00 - 49.00	SAND	6.04	7. 150 mm dia Blind Pipe <u>28.26</u> M
65	49.00 - 61.00	ROULIDERS	6.04	8. 150 mm dia Slotted Pipe <u>24.16</u> M
70	61.00 - 71.00	clay	6.02	9. Discharge by Compressor <u>780</u> LPM
75				10. Discharge by O.P. Unit <u>800</u> LPM
80				11. Remark if any:-
85				
90				
95	71.00 - 97.00	SAND ROULIDERS	6.03	
100				
105				
110	97.00 - 112.00	clay		
115				


Contractor

SUNAM
J. E.


A. E.

Countersigned

E. E.

YIELD TEST OF TW BY COMPRESSOR

Date of Test 12-7-17 Static W/L 16.80 m 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"	780	550	300	100	50	Tr	Tr	

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

YIELD TEST REPORT BY O.P. UNIT

Size of orifice 150x100 mm Taste of water Sweet Date of Test 25-7-17

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.	
9"	719	16.76	17.44	0.68	Tr	el	el	el	el	el	el	Recommended discharge <u>800</u> LPM at <u>0.85</u> mt depression. Recommended Pumping plant discharge <u>800</u> Lpm.
12"	833	16.76	17.61	0.85	Tr	el	el	el	el	el	el	
18"	1015	16.76	17.86	1.10	10	el	el	el	el	el	el	
25"	1204	16.76	18.26	1.50	50	10	Tr	el	el	el	el	
40"	1515	16.76	18.86	2.10	100	50	10	Tr	Tr	el	el	

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A. E.
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E. E.

CHEMICAL TEST REPORT PM, Const Unit, UDIN SRE

DATE OF TEST 26-7-17 AGENCY

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour	<u>Colourless</u>	Hardness Temp.	Chlorides	<u>12.00</u>	
Nitrates	<u>1.14</u>	Copper	Nitride	<u>Nil</u>	
PH	<u>7.25</u>	Iron	Florides		
Total Solids		Total Alkanity	Amonia		
T. Dissolved Solids	<u>200.00</u>	Sulphates		<u>Residual Chlorine - Nil</u>	
Fixed Solids		Calcium			
Total Hardness (CaCo ₃)	<u>225.00</u>	Megnecium			
Permanent Hardness		Turbidity	<u>1.83</u>		

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A. E.
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E. E.