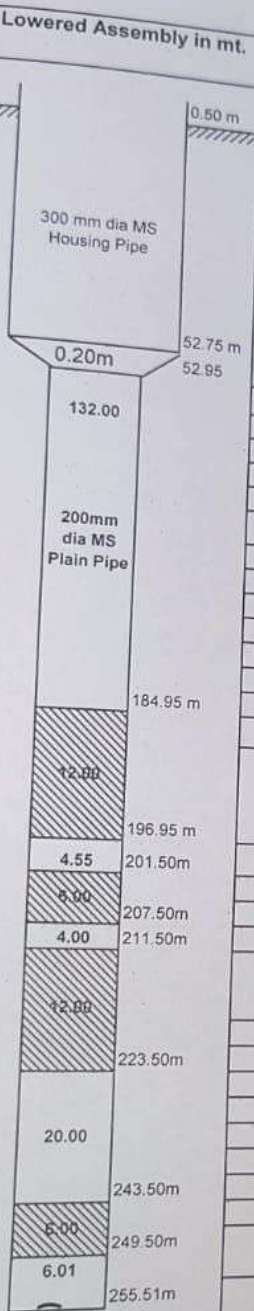


Office of the Executive Engineer, 13th Division (E&M), U.P. Jal Nigam, Lucknow.

Completion Plan of Bijuwa Tw-1 Distt. Lakhimpur-Kheri.
Type of Rig Machine DC
Static Water Level 3.0 metre

Size of Bore 675/550 mm d

Depth B.G.	Stratum	Lowered Assembly in mt.
0.00	Surface Clay	0.50 m
0.05	Clay	
0.10	Fine sand	
0.15	Clay	
0.20	Fine Sand	
0.25	Clay	
0.30	Fine Sand	
0.35	Clay	
0.40	Fine Sand	
0.45	Clay	
0.50	Fine sand	
0.55	Clay with Kankar	
0.60	Fine sand	
0.65	Hard Clay	
0.70	Fine to medium sand	
0.75	Caving Clay	
0.80	Medium sand	
0.85	Sandy Clay	
0.90	Medium sand	
0.95	Clay	
1.00	Medium sand	
1.05	Clay	
1.10	Caving Clay	



- ABSTRACT**
- 1- Drilling Started on Dated : 18-01-2019
 - 2- Logging Date : 21-01-2019
 - 3- Drilling Completed on Dated : 23-02-2019
 - 4- Drilling Depth :
675 mm dia bore 0 to 60 m 60.00 mt. BGL
550 mm dia bore 60 to 280 m 220.00 mt. BGL
 - 5- **Detail of Tubewell Assembly**
Housing Pipe : 300 mm dia 53.25 mt.
Reducer : 300x200 mm dia 0.20 mt.
Plain Pipe : 200 mm dia 166.56 mt.
Slotted Pipe : 200 mm dia 36.00 mt.
 - 6- Date of lowering - 24-02-2019

LOGGING REPORT				
Sl.	Depth Range mbl		Thickness m	Remarks
1	29	to 40	11 m	Good
2	56	to 68	12 m	Good
3	85	to 106	21 m	Good
4	129	to 150	21 m	Good
5	156	to 173	17 m	Good
6	182	to 198	16 m	Good
7	201	to 208	7 m	Good
8	211	to 224	13 m	Good
9	243	to 250	7 m	Good
10	263	to 268	5 m	Good

Zone Testing			
Chemical Constituents	Ist Zone 243m to 250 m	IInd Zone 201 m to 224 m	IIIrd zone 182 m to 198 m
Colour (Hazen)	BDL	BDL	BDL
PH	8.04	7.94	7.93
Turbidity (NTU)	1.87	3.16	3.75
TDS (mg/L)	114	130	154
Residual chlorine (mg/L)	BDL	BDL	BDL
chloride (mg/L)	4.9	4.9	4.9
Fluoride (mg/L)	0.19	0.22	0.27
Sulphate (mg/L)	7	5	4
Nitrate (mg/L)	BDL	BDL	BDL
Arsenic (mg/L)	BDL	BDL	BDL
Iron (mg/L)	0.63	0.94	1.01
Alkalinity (mg/L)	60	80	90
Total hardness	70	80	100

Acceptable on under limit

For Yuvraj Constructions
Proprietor
Yuvraj Constructions
Lucknow

(Ashish Kumar)
Junior Engineer

Recommended By
(Dinesh Kumar)
Assistant Engineer

Approved By
(Vishal Arya)
Executive Engineer