

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

Completion Plan of Pharsahiya tw Distt. Lakhimpur-Kheri.
Type of Rig Machine D.C. Rig Machine
Static Water Level 4.5 metre

Size of Bore 675/500 mm dia
TW Assembly size 300x150 mm dia

ABSTRACT

- 1- Drilling Started on Dated : 08-12-2019
- 2- Logging Date : 19-12-2019
- 3- Drilling Completed on Dated : 24-01-2020
- 4- Drilling Pilot Bore of 200 mm dia : G.L. to 295.00 Mtr. = 295 M
- 5- Drilling of 675 mm dia bore from G.L. To 60 M. = 60 M.
- 6- Drilling of 500 mm dia bore from 60 To 280 M. = 220 M.
- 7- Detail of Tubewell Assembly
Housing Pipe : 300 mm dia 53.26 metre
Reducer : 300x150 mm dia 0.20 metre.
Plain Pipe : 150 mm dia 200.04 metre
Slotted Pipe : 150 mm dia 28 metre.
- 8- Date of lowering - 24-01-2020

LOGGING REPORT

Sl.	Depth Range mbgl	Thickness m.	Remarks
1	26.00 - 33.00	7.00	Good
2	61.00 - 81.00	20.00	Good
3	86.00 - 96.00	10.00	Good
4	102.0 - 107.00	5.00	Good
5	114.0 - 118.00	4.00	Good
6	121.0 - 133.00	12.00	Good
7	136.0 - 151.00	15.00	Good
8	159.0 - 169.00	10.00	Good
9	191.0 - 197.00	6.00	Good
10	206.0 - 209.00	3.00	Good
11	227.0 - 252.00	25.00	Good
12	269.0 - 276.00	7.00	Good

Zone Testing

Chemical Constituents	1st Zone	2nd zone
	M. BGL 269-276	M. BGL 227-252
Colour (Hazen)	BDL	BDL
PH	7.86	7.78
Turbidity (NTU)	1.82	1.72
TDS (mg/L)	130.00	138
Residual chlorine (mg/L)	BDL	BDL
chloride (mg/L)	4.90	4.90
Fluoride (mg/L)	0.13	0.10
Sulphate (mg/L)	7.00	09
Nitrate (mg/L)	BDL	BDL
Arsenic (mg/L)	BDL	BDL
Iron (mg/L)	BDL	BDL
Alkalinity (mg/L)	80	60
Total hardness	100	120

Acceptable on under limit

Note :- Drilling has been extended from 280 mt. to 295 mt. BGL as per EE's approval (as margin bore) for lowering increased length of TW assembly in respect to Estimated length.

For-Yuvraaj Constructions

M/s Yuvraaj construction

Proprietor

(Ashish Kumar)
Junior Engineer

(Dinesh Kumar)
Assistant Engineer

(Vishal Arya)
Executive Engineer