



GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272

UTTAR PRADESH JAL NIGAM

Ref :-

Dated :-

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Jiyapur South, Block Tarwa
2. District:- Azamgarh
3. Dt. Of logging:- 22.11.19
4. Drilled depth(as reported):- 150.0 mbgl
5. Logged depth:- 150.00mbgl
6. Logger no.:- UPJN 6095
7. Logged By:- Mr. Gaurav Shukla, Asstt. Hydrogeologist
8. Concerned JE:- Er. Anuj Yadav, JE
9. Based on the geophysical log interpretation following granular zones may be deciphered, particularly with respect to salinity of the formation water.

Sl. No.	Zones (mbgl)	Thickness(mts.)	Remarks
1	31.0-36.0	5.0	Good
2	39.0-49.0	10.0	Good
3	51.0-54.0	3.0	Good, very fine sand kanker intermixed
4	59.0-67.0	8.0	Good
5	70.0-74.0	4.0	Good

Below 80.0 mbgl till depth logged the quality of formation water is deteriorating to marginal.

(Dr. S. Sahai)

Manager (Ground Water)

C.C.

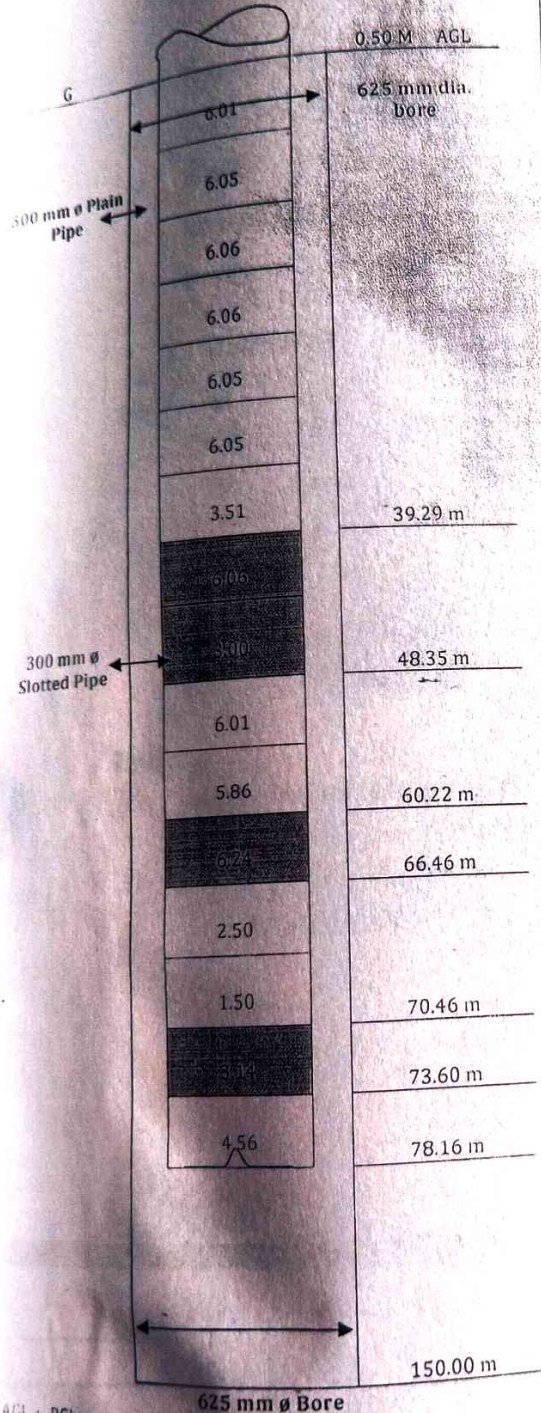
1. EE, TCD(E/M), UP Jal Nigam, Mau for information and necessary action.

Manager (Ground Water)

OFFICE OF THE EXECUTIVE ENGINEER TEMP. CONST.DIV.(E&M)
U.P. JAL NIGAM, MAU.

**Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Jiyapur
 Dakshini water supply scheme, Block- Tarawa, District- Azamgarh.**

Detail of Strata



AGL + BGL
 0.50 + 78.16 = 78.66 m.

Detail of Lowering

		Dated- 29-12-2019
1	Drilling depth	150 m.
2	Drilling by contractor	D.C. Rig M/C
3	Total Plain pipe dia 300 mm	60.22 m.
4	Total Slotted pipe dia 300 mm	18.44 m.
5	Size of assembly lowering	300 mm x 300 mm

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0.00	34.00	34.00	Sandy Clay
34.00	40.00	6.00	Fine Sand
40.00	46.00	6.00	Fine Sand with Moraum
46.00	52.00	6.00	Fine Sand with Kankar
52.00	58.00	6.00	Fine Sand with Kankar
58.00	64.00	6.00	Fine Sand
64.00	70.00	6.00	M. Sand with Kankar
70.00	76.00	6.00	V. Fine Sand
76.00	150.00	74.00	Clay Kankar

Logging Report

Date 12-09-2019

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	31.0 - 36.0	5.0	Good
2	39.0 - 49.0	10.0	Good
3	51.0 - 54.0	3.0	Good very Fine sand Kankar Intermixed
4	59.0 - 67.0	8.0	Good
5	70.0 - 74.0	4.0	Good

Note. Below 80.0 m BGL toll depth logged the quality of formation water is deteriorating to marginal.

M/s Ashoka & Yuvraj Construction
 Lucknow

(A.K. Yadav)
 J. E.

(M.N. Maurya)
 Assistant Engineer

(J.K. Gupta)
 Executive Engineer