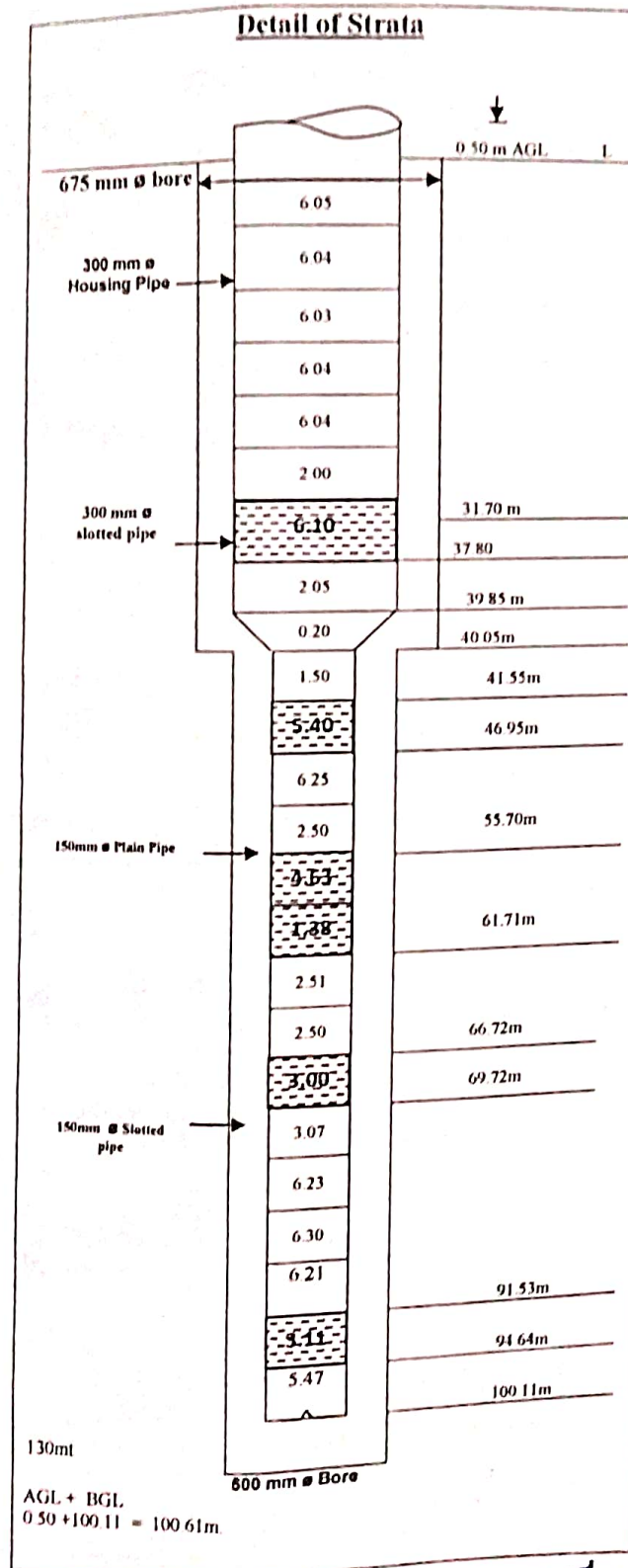


(22)

**OFFICE OF THE EXECUTIVE ENGINEER IIIrd CONSTRUCTION
DIVISION (E/M) U.P. JAL NIGAM, AYODHYA**

**Actual Strata Chart of Tube well Assembly For Datauli Chandra NRDWSP water supply
scheme, District- Barabanki.**

(Not to Scale)



Detail of Lowering

Date- 25.08.2019

1	Drilling depth	132m
2	Drilling by Contractor	RC Machine
3	Total housing pipe dia 300 mm	34.25 m
4	300 mm dia Slotted pipe	6.10 m
5	Total Plain pipe dia 150 mm	42.54 m
6	Total Slotted pipe dia 150 mm	17.52 m
7	Size of assembly lowering	300mm x 150 mm
8	300mm x 150 mm M.S. Reducer	0.20 m

Detail of Strata

From (m)	To (m)	Thick (m)	Description of the Strata
0	3.00	3.00	Surface Clay
3.00	25.00	22.00	Hard Clay
25.00	39.00	14.00	Medium sand
39.00	41.00	2.00	Sandy Clay
41.00	48.00	7.00	Medium sand
48.00	55.00	7.00	Sandy clay
55.00	63.00	8.00	Medium sand
63.00	66.00	3.00	Caving clay
66.00	71.00	5.00	Fine sand with kankar intermixed
71.00	91.00	20.00	Sandy clay
91.00	96.00	5.00	Fine sand with kankar intermixed
96.00	110.00	14.00	Sandy clay
110.00	132.00	22.00	Sandy clay with kankar intermixed

Logging Report

Date 21.08.2019

Sl.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	25.0-----39.0	14.0	Good all Good, Fine sand with kankar Good, Fine sand with kankar
2	41.0-----48.0	7.0	
3	55.0-----63.0	8.0	
4	66.0-----71.0	5.0	
5	91.0-----96.0	5.0	

For YUVRAJ CONSTRUCTIONS

M/s
Proprietor

(Jai Shankar Tiwari)
Junior Engineer

(Nitish Kumar)
Assistant Engineer

(Dinesh Kumar)
Executive Engineer

GRAM :- JAL NIGAM

Phone:- 0522 – 2220173, 2220272

UTTAR PRADESH JAL NIGAM

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Datauli Chanda, Haidergarh
2. District:- Barabanki
3. Dt. Of logging:- 21.08.19
4. Drilled depth(as reported):- 135.0 mbgl
5. Logged depth:- 130.0 mbgl
6. Logger Used:- UPJN 6095
7. Logged By:- Mr. Gaurav Shukla, Asstt. Hydrogeologist
8. Concerned JE:- Er. Jai Shanker Tiwari, 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	25.0-39.0	14.0	Good
2	41.0-48.0	7.0	Good
3	55.0-63.0	8.0	Good
4	66.0-71.0	5.0	Good, fine sand kanker intermixed
5	91.0-96.0	5.0	Good, fine sand kanker intermixed

(Dr. S. Sahai)

Manager (Groundwater)

c.c.

EE, 3rd CD(E/M), UP Jal Nigam, Ayodhya for information and necessary action.

Manager (Groundwater)