



GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272

UTTAR PRADESH JAL NIGAM

Ref :- _____

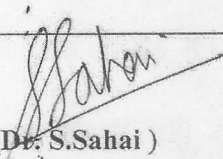
Dated :-

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Moodah Dih, Belahari
2. District:- Ballia
3. Dt. Of logging:- 10.04.19
4. Drilled depth(as reported):- 200.0 mbgl
5. Logged depth:- 190.0 mbgl
6. Logger no.:- AX
7. Concerned JE:- Er. Jyoti Ranjan. JE
8. 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	29.0-45.0	16.0.	Good
2	48.0-63.0	15.0	Good
3	67.0-81.0	14.0	Good
4	84.0-95.0	11.0	Good
5	113.0-120.0	7.0	Good
6	122.0-131.0	9.0	Good
7	134.0-142.0	8.0	Good
8	143.0-150.0	7.0	Good
9	153.0-166.0	13.0	Good
10	168.0-185.0	17.0	Good

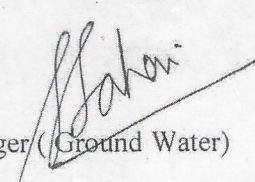
All zones are kanker intermixed.


(Dr. S. Sahai)

Manager (Ground Water)

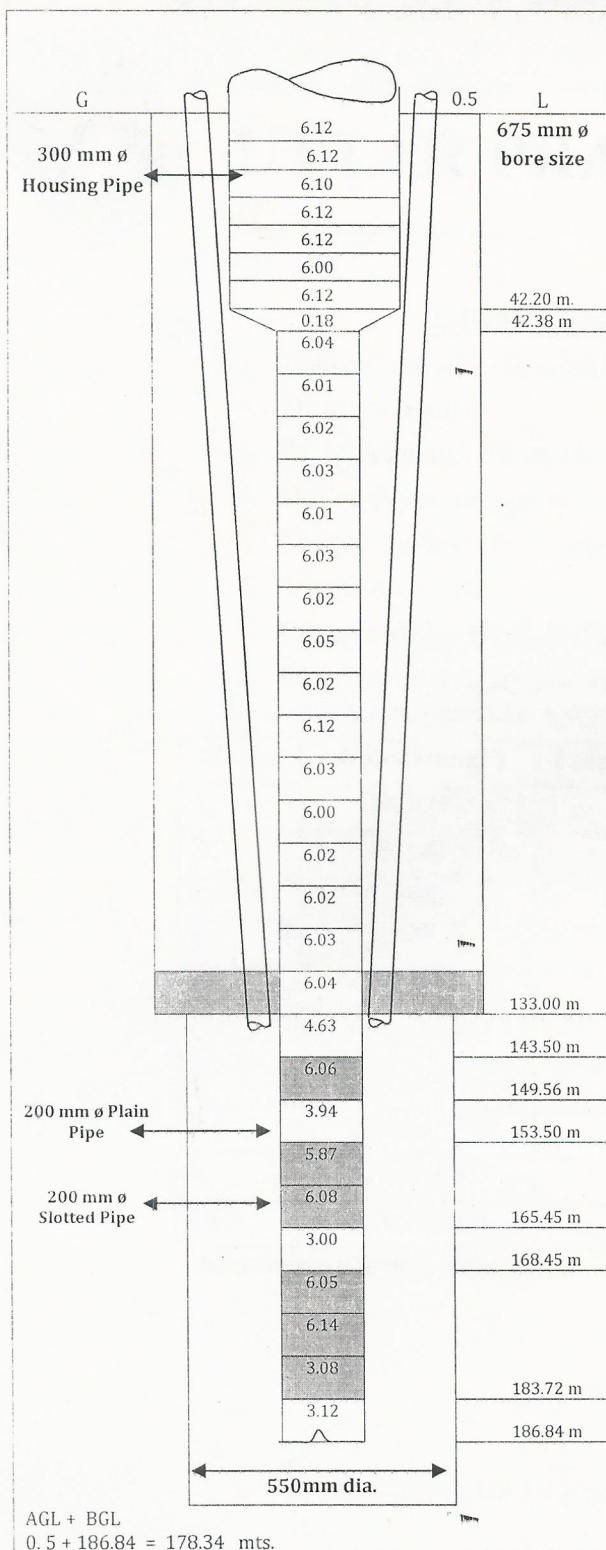
c.c.

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


Manager (Ground Water)

Actual Completion Plan of Tube well Assembly Chart cum strata Chart For Mudadeeh water supply scheme, Block- Belhari, District- Ballia.(World Bank Batch-2)

(Not to Scale)

**Detail of Lowering**

Date - 16-05-2019

1	Drilling depth	200 mts.
2	Total housing pipe dia 300 mm	42.70 mt.
3	Total Plain pipe dia 200 mm	111.18 mt.
4	Total Slotted pipe dia 200mm	33.28 mt.
5	Size of assembly lowering	300mmø x 200 mmø
6	M.S. Reducer 300mmø x 200 mmø	0.18 mt.
8	BGL	186.84 mt.
9	Total Length of assembly	187.34 mt.

Detail of Strata

From (m)	To (m)	Thick (m)	Desperation of the Strata
0.00	3.00	3.00	Clay
3.00	15.00	12.00	Sandy Clay
15.00	24.00	9.00	Fine to M. Sand with Stone
24.00	30.00	6.00	Fine to M. Sand
30.00	42.00	12.00	Morang with Sand Stone
42.00	54.00	12.00	Fine to M. Sand
54.00	63.00	9.00	Morang with Sand Stone
63.00	66.00	3.00	Sand Stone
66.00	75.00	9.00	Fine to M Sand
75.00	78.00	3.00	V V Fine Sand
78.00	90.00	12.00	Fine to M. Sand
90.00	93.00	3.00	Clay
93.00	102.00	9.00	Fine to M. Sand
102.00	108.00	6.00	Morang with Gravel
108.00	111.00	3.00	Fine to M. Sand
111.00	132.00	21.00	Morang with Gravel
132.00	135.00	3.00	Sand Stone
135.00	148.00	13.00	Morang with Sand Stone
148.00	163.00	15.00	Fine to M. Sand
163.00	181.00	18.00	Fine Sand
181.00	184.00	3.00	Fine to M. Sand
184.00	200.00	16.00	Stone

Logging Report

Date 10-04-2019

SL.N.	Depth Range (mbgl)	Thicknees (m)	Remark
1	29.0 - 45.0	16.0	Good
2	48.0 - 63.0	15.0	Good
3	67.0 - 81.0	14.0	Good
4	84.0 - 95.0	11.0	Good
5	113.0 - 120.0	7.0	Good
6	122.0 - 131.0	9.0	Good
7	134.0 - 142.0	8.0	Good
8	143.0 - 150.0	7.0	Good
9	153.0 - 166.0	13.0	Good
10	168.0 - 185.0	17.0	Good

Note- All Zone are Kankar Intermixed.

Zone Testing done at following depth

S. N.	Zones (In meter)	Ars. mg/l	Ir. mg/l	Fl. mg/l	Result
1	143.0 150.0	BDL	BDL	0.85	Satisfactory
2	153.0 166.0	BDL	BDL	0.86	Satisfactory
3	163.0 190.0	BDL	BDL	0.24	Satisfactory

(M/s Amiya Enterprises)
Deoria Contractor

(J.Ranjan)
J. E.

(V.K. Singh)
Assistant Engineer

(J.K. Gupta)
Executive Engineer