



GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272

UTTAR PRADESH JAL NIGAM

Ref:-

GEOPHYSICAL LOGGING REPORT

Dated :-

1. Name of the site:- Jamudi, Block Sathiyawan
2. District:- Azamgarh
3. Dt. Of logging:- 22.11.19
4. Drilled depth(as reported):- 252.0mbgl
5. Logged depth:- 195.00mbgl
6. Logger no.:- UPJN 6095
7. Logged By:- Mr. Gaurav Shukla, Asstt. Hydrogeologist
8. Concerned JE:- Er. S.P.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	24.0-43.0	19.0	Good
2	55.0-62.0	7.0	Good
3	92.0-106.0	14.0	Good
4	108.0-111.0	3.0	Good
5	117.0-124.0	7.0	Good
6	173.0-189.0	16.0	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)

M/s Satish chandra Sachan Kanpur

Proposed Tube well Assembly Chart cum strata Chart For Jamudi water supply scheme T.W. No. 1 Under M.S.D.P. Block- Sathiyah, District-Azamgarh.

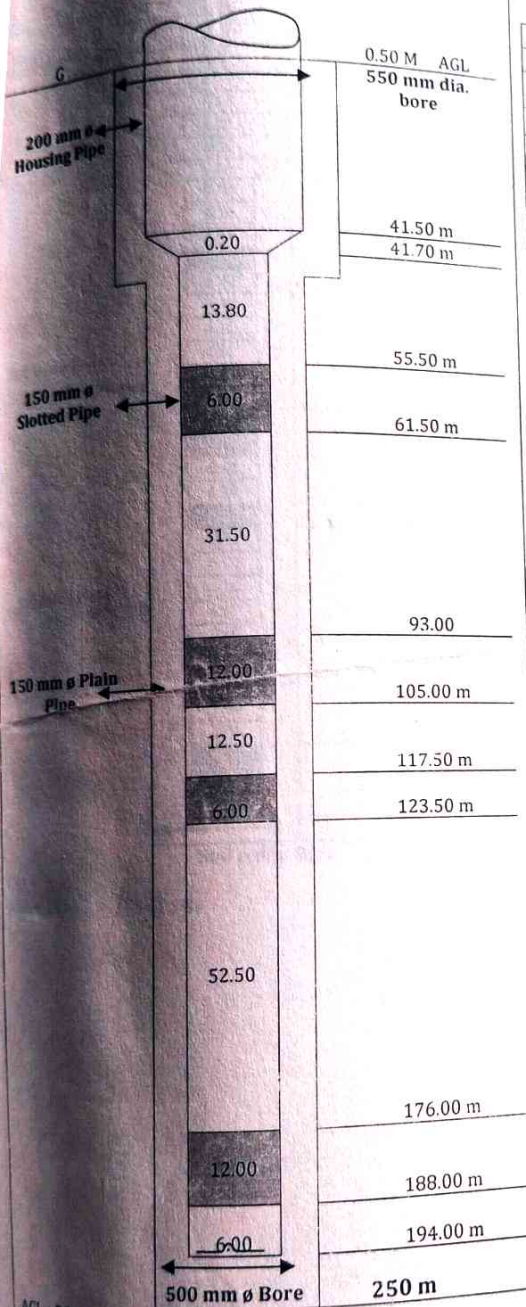
Name of Client :- Executive Engineer Temp. Construction Division (E/M), U.P. Jal Nigam Mau.

Tube well Site :- Jamudi Tubewell No-1

Required Discharge :- 800 LPM

Size of T.W. Assy. - 200 mm x 150 mm dia.

Detail of Strata



AGL + BGL
0.5 + 194.00 = 194.50 mts.

Proposed By

(M/s C.I.T. Drillers & Developers)
Lucknow Contractor

Recommended By

(S.P. Yadav)
J. E.

(M.N. Maurya)
Assistant Engineer

Approved

(J.K. Gupta)
Executive Engineer

Detail of Lowering

1	Drilling depth	250 m.
2	Size of assembly lowering	200mm ϕ x 150 mm ϕ
3	Total housing pipe 200 mm dia	42.00 m.
4	Total Plain pipe 150 mm dia	116.30 m.
5	Total Slotted pipe 150mm dia	36.00 m.
6	M.S. Reducer 200mm ϕ x 150 mm ϕ	0.20 m.
7	Total Length of assembly	194.50 m.
8	BGL.	194.00 m.

Detail of Physical Strata encountered during drilling

From (m)	To (m)	Thick (m)	Description of the Strata
0.00	18.00	18.00	Sandy Clay
18.00	54.00	36.00	Fine Sand with Fine Kankar
54.00	132.00	78.00	Fine Sand with Kankar
132.00	138.00	6.00	V. Fine Sand
138.00	192.00	54.00	Fine Sand with Kankar
192.00	250.00	58.00	Clay

Logging Report

Date 18-10-2019

Sl.No.	Depth range (mtg)	Thickness (m)	Remarks
1	24.0 - 43.0	21.0	Good
2	55.0 - 62.0	7.0	Good
3	92.0 - 106.0	14.0	Good
4	108.0 - 111.0	3.0	Good
5	117.0 - 124.0	7.0	Good
6	173.0 - 189.0	16.0	Good

Note. All Zones are Kankar Intermixed.