



GRAM :- JAL NIGAM

Phone:- 0522 - 2620173, 2620272

UTTAR PRADESH JAL NIGAM

Ref :- _____

Dated :- _____

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Sonapur Khairahi
2. District:- Balrampur
3. Dt. Of logging:- 07.04.2015
4. Drilled depth(as reported):- 158.0 mbgl
5. Logged depth:- 155.0 mbgl
6. Logger used:- UPJN
7. Logged by :- Mr. S.K.Yadav, AGP
8. In the presence of :- Er.N.Singh, 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	46.0-53.0	7.0	Good
2	58.0-99.0	41.0	Good
3	104.0-109.0	5.0	Good
4	123.0-130.0	7.0	Good
5	136.0-150.0	14.0	Good

(Dr. S.Sahai)
Senior. Geophysicist

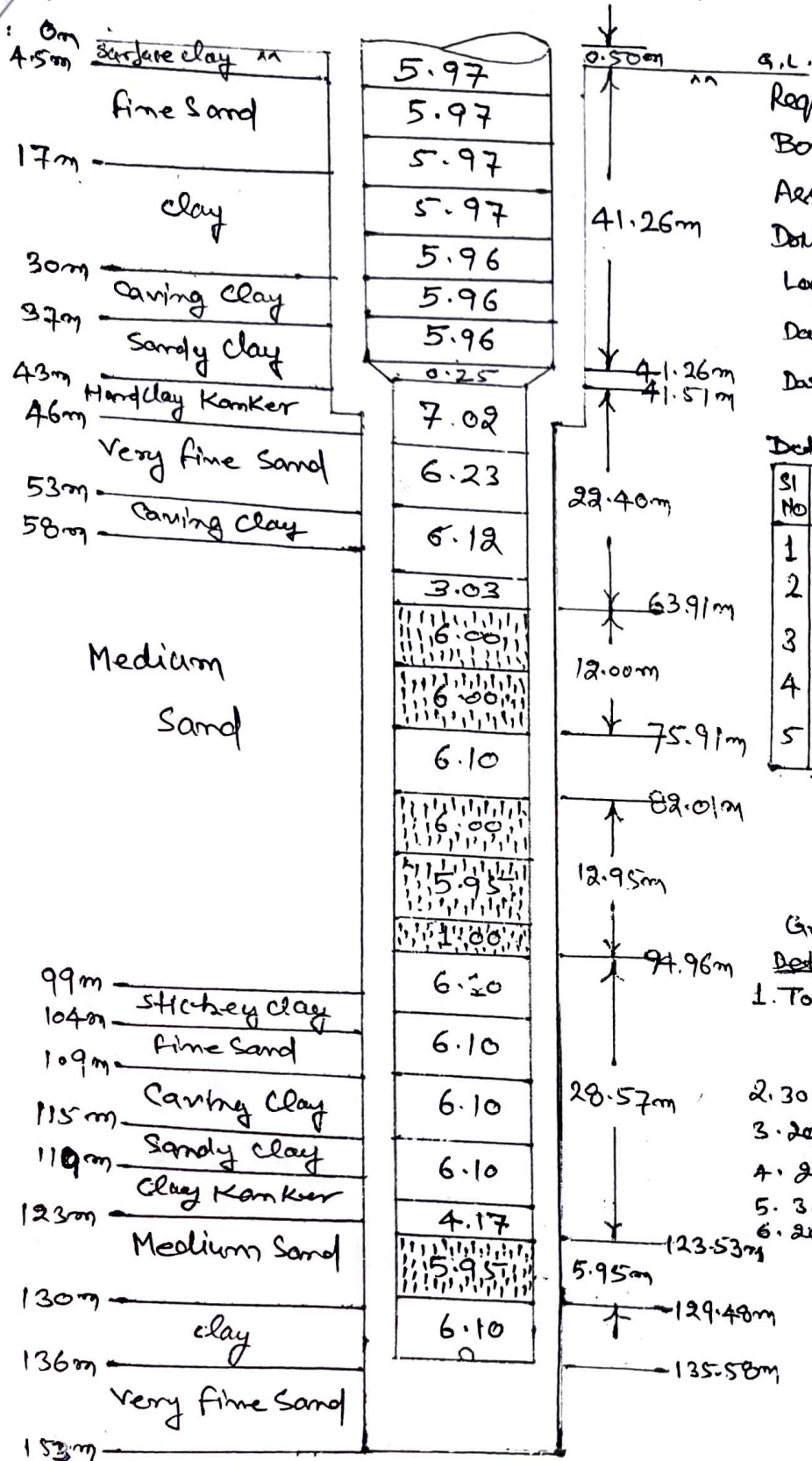
c.c.

1. Manager(Ground Water), U.P.Jal Nigam, Lucknow.
2. E.E., CD (E/M), UPJN, Gonda for information and necessary action.

Senior. Geophysicist

Bl. - Balrampur

Assembly Chart of Sonapur Tube Well under N.R.W.S.P. Distt. - Balrampur



Required Discharge:- 1100 LPM
Bore Size:- 625 x 550 mmφ
Assembly Size:- 300 x 200 mmφ
Drilling Depth:- 156.00 m bgl
Logging Depth:- 155.00 m bgl
Date of Logging:- 07/4/15
Date of Lowering:- 10/4/15

Detail of Logging

Sl No	Range (m)	Thickness (m)	Remarks
1	46 - 53	07	Good
2	58 - 99	41	Good
3	104 - 109	05	Good
4	123 - 130	07	Good
5	136 - 150	14	Good

Dr. S. Sathai
(Senior, Geophysicist)

Ground Water, UPJN, LIC

Detail of Lowering

1. Total Lowering:- 136.08m
- AGL(-):- 0.50m
- BGL:- 135.58m
2. 300mmφ Howding Pipe:- 41.76m
3. 200mmφ plume Pipe:- 63.17m
4. 200mmφ Slotted Pipe:- 30.90m
5. 300x200mmφ Reducer:- 0.25m
6. 200mmφ Drill Plug:- 01 No.

M/S NAZARUL HASAN

M/S Majumal Husein,
Wazirpur Nagaliya,
Muradabadi.

(Er. Nihar Singh) (Er. Dinesh Kumar)
J.E. A.E.

(Er. H.C. Nayab)
E.E.