



UTTAR PRADESH JAL NIGAM

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Ref.

Geophysical Borehole Logging Report

Name of the site : Amwan T.W. -1

District : Shrawasti

Date : 19.11.2014

Depth logged : 145.0 mbgl

Depth drilled : 150.0 mbgl

Logger used : UPJN

Presence : Er. R.S.Prasad, J.E.

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	65.0-----82.0	17.0	Good
2	95.0-----105.0	10.0	
3	110.0-----120.0	10.0	
4	125.0-----142.0	17.0	

Note.

AE/JE/JED

Dr. R.A. Yadav

Dr. R.A. Yadav

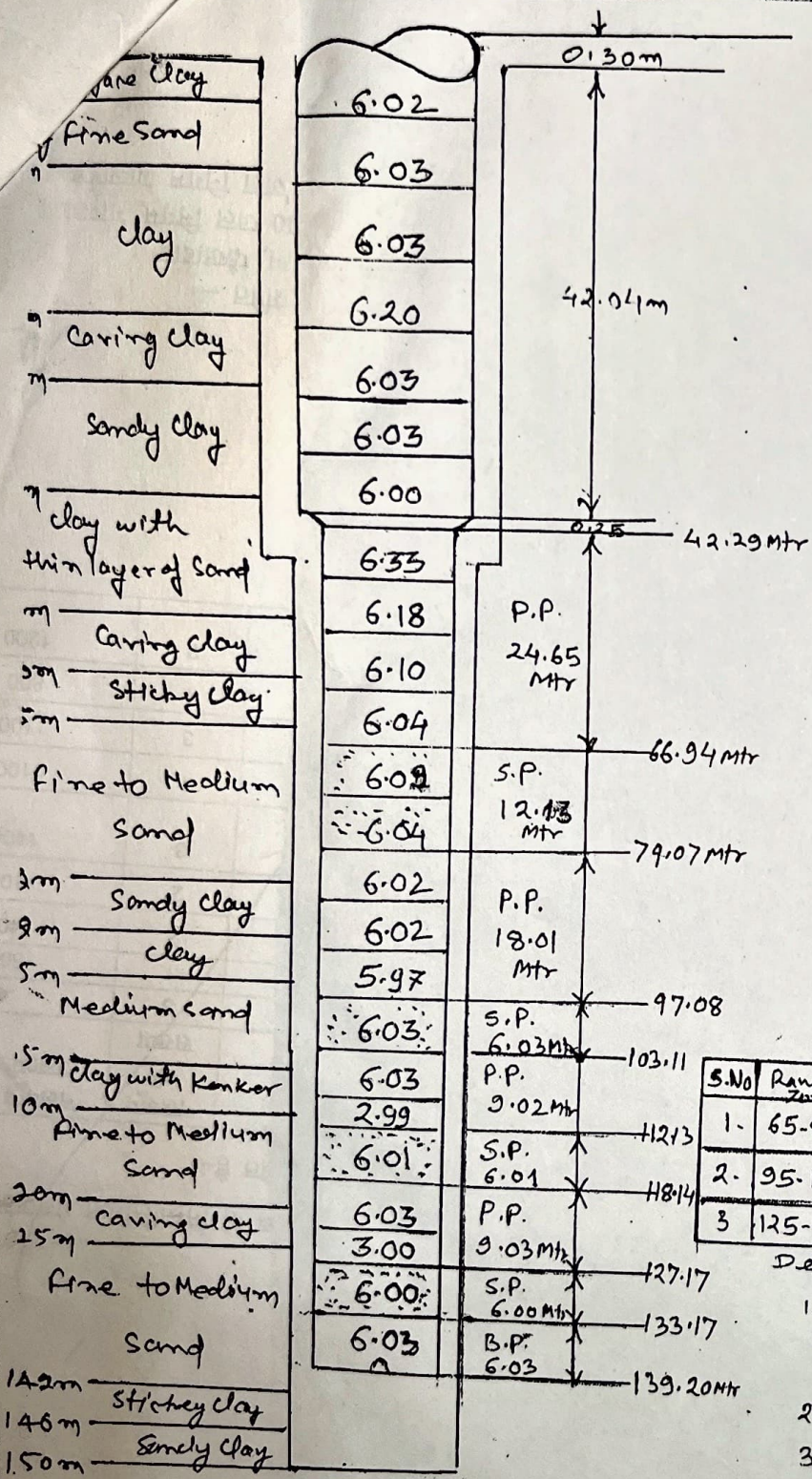
(Dr.R.A.Yadav)
Manager(Ground Water)

Copy;

1. C E.(E/M), U.P.Jal Nigam, Lucknow.
2. E.E., C.D.(E/M), U.P.Jal Nigam, Gonda
for information and necessary action.

Assembly chart of Amwa TW-1 dist. Grawasti under a.p.v. programme

10



1. Required discharge = 1000 LPM
2. Bore size = 625 x 500 mmφ
3. Assembly size = 300 x 150 mmφ
4. Drilling depth = 150 mtr
5. Logging depth = 145 mtr
6. Date of Logging = 19-11-14
7. Date of Lowering = 21-11-14

Detail of Logging

S.No.	Depth range	Thickness	Remark
1.	65-82	17	Good
2.	95-105	10	
3.	110-120	10	
4.	125-142	17	

By Dr. R.A. Yadav
(Manager (G.W.))

Zone Testing Report Dt-20-11-14

S.No.	Range	Fluoride	Chloride	Bron	Arsenic	Nitrate	Hardness	Chloride	Lead	Copper	Iron	Aluminum
1.	65-82	0.30	NIL	0.30	NIL	NIL	260	25	NIL	NIL	NIL	NIL
2.	95-120	0.30	NIL	0.20	NIL	NIL	280	15	NIL	NIL	NIL	NIL
3.	125-142	0.30	NIL	0.20	NIL	NIL	320	10	NIL	NIL	NIL	NIL

Detail of Lowering

1. 300 mmφ Hoisting Pipe = 42.34 mtr
 1. A.G.L = 0.30 mtr
 2. B.G.L = 42.04 mtr
 2. 150 mmφ Plain Pipe = 60.71 mtr
 3. 150 mmφ slotted Pipe = 30.17 mtr
 4. 150 mmφ Bail plug = 6.03 mtr
 5. 150 mmφ 300 x 150 Reducer = 0.25 mtr
- Total 139.50 mtr
A.G.L - 0.30 mtr
B.G.L 139.20 mtr

M/s Shiv drillers Kolkata

3/12

Er R.S. Banerjee
J.E

Er. Dinesh Kumar
A.E

Er. H.C. Nayak
E.E