

# REPORT ON GEOPHYSICAL WELL LOGGING AT

AT SITE- TAMANCHGARH, BLOCK- ETMADPUR, DISTT- AGRA

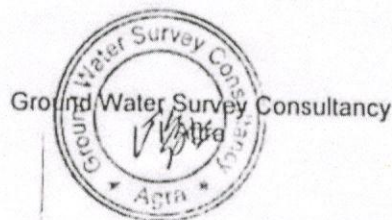
## Introduction :

A Deep bore hole was drilled 115 mtrs. depth and logged depth 113 mtrs. at above site was drilled by M/S Shishupal Singh Parihar, Agra.

On the request of M/S Shishupal Singh Parihar, Agra. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 18.July.2023.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 25	20	Dry sand	
3.	25 - 32	7	Clay kankar	
4.	32 - 42	10	Medium sand	Medium
5.	42 - 48	6	Clay kankar	
6.	48 - 53	5	Fine sand	Medium
7.	53 - 59	6	Clay kankar	
8.	59 - 67*	8	Medium sand	Medium
9.	67 - 70	3	Clay kankar	
10.	70 - 77*	7	Medium sand	Medium
11.	77 - 113	36	Clay kankar	

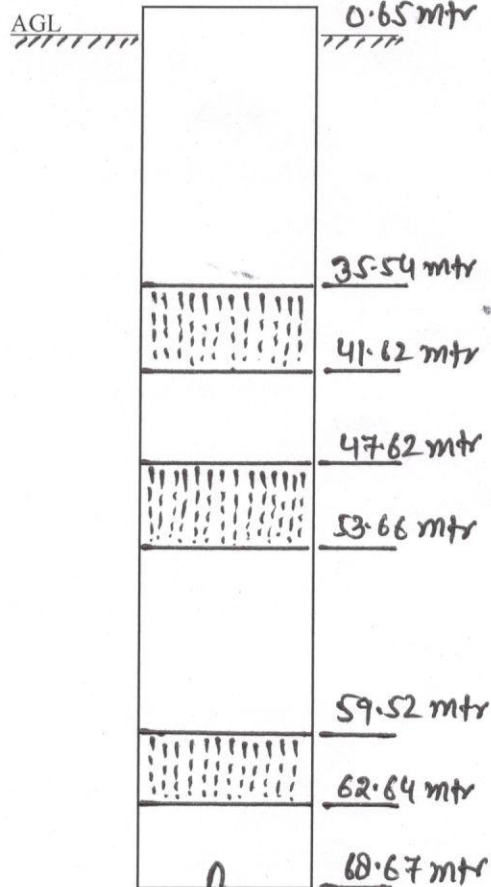


ACTUAL TUBEWELL ASSEMBLY

Name of Scheme: Tamachgarh TW no. 1 Block: Etmadpur Tehsil: Etmadpur  
District: Agra C.B. No. 01/SE/2023-24  
Name of Contractor: M/s Shishupal Singh Pariha Logging Date: 18.07.2023  
Drilling Completion Date: 17.07.2023 Logging By: Ground Water Survey Consultancy  
Size of Assembly: 200x200 mm Static Water Level: 35 m



1. Strata as per Drilling/Logging:-

0-5 mtr	Surface soil
5-25 mtr	Dry sand
25-32 mtr	Clay Kankar
32-42 mtr	Medium sand
42-48 mtr	Clay Kankar
48-53 mtr	Fine sand
53-59 mtr	Clay Kankar
59-67 mtr	Medium sand
67-70 mtr	Clay Kankar
70-77 mtr	Medium sand
77-113 mtr	Clay Kankar



2. Strata quality as per Zone Testing-

m	34-46	(314	TDS)
m	55-70	(422	TDS)
m	73-82	(385	TDS)

Prepared By  
  
Contractor  
  
Junior Engineer

Recommended By  
  
Assistant Engineer

Approved By  
  
Executive Engineer