

# REPORT ON GEOPHYSICAL WELL LOGGING AT

AT SITE- NAGLA BHEL 2ND, BLOCK- ETMADPUR, DISTT- AGRA

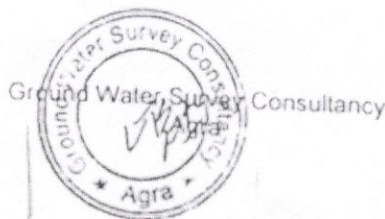
## Introduction :

A Deep bore hole was drilled 110 mtrs. depth and logged depth 108 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 10.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 - 10	5	Dry sand	
3.	10 - 13	3	Clay kankar	
4.	13 - 18	5	Dry sand	
5.	18 - 22	4	Clay kankar	
6.	22 - 30	8	Dry sand	
7.	30 - 55	25	Clay kankar	
8.	55 - 65*	10	Medium sand	
9.	65 - 76	11	Clay kankar	Medium
10.	76 - 92*	16	Medium sand & kankar	
11.	92 - 108	16	Clay kankar	Medium

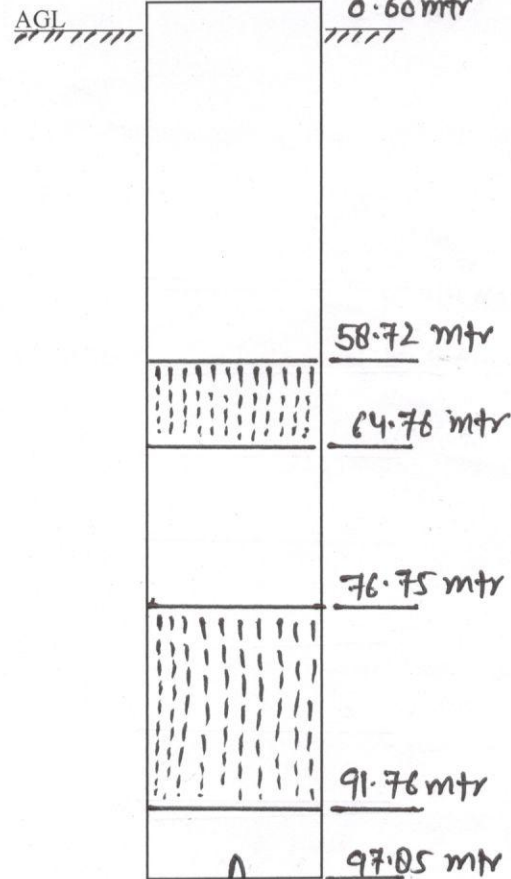


ACTUAL TUBEWELL ASSEMBLY

Name of Scheme: Nagla Bel TW No.2 Block: Etmadpur Tehsil: Etmadpur  
District: Agra C.B. No. 01/SE/2023-24  
Name of Contractor: M/s Shishupal Singh Parihar Logging Date: 10.07.2023  
Drilling Completion Date: 09.07.2023 Logging By: Ground Water Survey Consultancy  
Size of Assembly: 200x200 mm Static Water Level: 34.5 m

1. Strata as per Drilling/Logging:-

0-5 mtr	Surface soil
5-10 mtr	Dry sand
10-13 mtr	Clay Kankar
13-18 mtr	Dry sand
18-22 mtr	Clay Kankar
22-30 mtr	Dry sand
30-55 mtr	Clay Kankar
55-65 mtr	Medium sand
65-76 mtr	Clay Kankar
76-92 mtr	Medium sand & Kankar
92-108 mtr	Clay Kankar



2. Strata quality as per Zone Testing-

m	( TDS)
m	( TDS)
m	( TDS)

Prepared By  
  
Contractor  
  
Junior Engineer

Recommended By  
  
Assistant Engineer

Approved By  
  
Executive Engineer