

# REPORT ON GEOPHYSICAL WELL LOGGING AT

## GRAM PANCHAYAT- MILIK SULTAN, BLOCK- SHAMSABAD, DISTT- FARRUKHABAD UNDER JAL JIVAN MISSION

### Introduction :

A Deep bore hole was drilled 200 mtrs. depth. and Logged depth 200 mtrs. at above site. Was drilled by M/s G.V.P.R. Engineering Ltd., Hyderabad.

On the request of M/s G.V.P.R. Engineering Ltd., Hyderabad. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 10.Aug.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:-

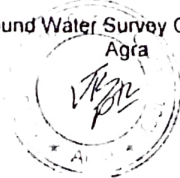
Mud Resistivity = 17.89 Ohms.

Drilling Water Resistivity = 18.67 Ohms.

Approx Water Level = 18 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 16	11	Dry sand	
3.	16 - 27	11	Clay kankar	
4.	27 - 40	13	Medium sand	Med to Good
5.	40 - 55	15	Clay kankar	
6.	55 - 60*	5	Fine to Medium sand	Med to Good
7.	60 - 63	3	Clay kankar	
8.	63 - 70*	7	Fine to Medium sand	Med to Good
9.	70 - 83	13	Clay kankar	
10.	83 - 90*	7	Fine to Medium sand	Med to Good
11.	90 - 105	15	Clay kankar	
12.	105 - 120*	15	Medium sand	Med to Good
13.	120 - 134	14	Clay kankar	
14.	134 - 150*	16	Fine to Medium sand	Med to Good
15.	150 - 177	27	Clay kankar	
16.	177 - 185	8	Fine sand	Med to Good
17.	185 - 200	15	Clay kankar	

Ground Water Survey Consultancy



Bno 8  
 N16 (SN)  
 NS&LN  
 LAT

Logging Details

Log No. 11-11-11  
 Date 11/11/11  
 Location  
 Project

Logger S. Inc  
 KES/S/O1/21-22

Logger Name  
 S (m V)

DAPI-2

GROUND WATER  
 SURVEY  
 CONSULTANCY  
 AGRA, UP India

