

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NANKAR RANI, BLOCK- SWAR, DISTT- RAMPUR  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 65 mtrs. at above site. Was drilled by M/s LC Infra Projects Pvt. Ltd., Rampur.

On the request of M/s LC Infra Projects Pvt. Ltd., Rampur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 08.Nov.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 - 8	3	Clay kankar	
3.	8 - 12	4	Fine sand	
4.	12 - 20	8	Clay kankar	
5.	20 - 23	3	Fine sand	
6.	23 - 37	14	Clay kankar	
7.	37 - 42*	5	Fine to Medium sand	Medium
8.	42 - 60	18	Clay kankar	
9.	60 - 65*	5	Fine to Medium sand	Medium

Ground Water Survey Consultancy

