

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BITROL, BLOCK- UJHANI, DISTT.- BADAUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 140 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 27.Mar.2022.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major equifer 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 - 18	13	Fine sand	
3.	18 - 24	6	Clay	
4.	24 - 36	12	Medium sand	
5.	36 - 47	11	Clay kankar	
6.	47 - 71*	24	Medium sand	Medium
7.	71 - 103	32	Clay kankar	
8.	103 - 115*	12	Medium sand	Medium
9.	115 - 117	2	Clay kankar	
10.	117 - 124*	7	Fine to Medium sand	Medium
11.	124 - 135	11	Fine sand	
12.	135 - 140	5	Clay kankar	

Ground Water Survey Consultancy

