

# REPORT ON GEOPHYSICAL WELL LOGGING

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 DISTT.- BADAUN  
 UNDER  
 JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 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 GIS Well Logger on 24 Apr. 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 - 15	10	Dry sand	
3.	15 - 47	32	Clay kankar	
4.	47 - 53*	6	Medium sand	Good
5.	53 - 65	12	Clay kankar	
6.	65 - 98*	33	Medium sand	Good
7.	98 - 105	7	Clay kankar	
8.	105 - 110	5	Fine sand	Good

