

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NARSAINA, BLOCK- SAHASWAN  
DISTT.- BADAUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 109 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 15.Sep.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 - 12	7	Fine to Medium sand	
3.	12 - 20	8	Clay kankar	
4.	20 - 31	11	Medium sand	Good
5.	31 - 45	14	Clay kankar	
6.	45 - 55*	10	Medium sand	Good
7.	55 - 60	5	Clay kankar	
8.	60 - 72*	12	Fine to Med. sand & Kankar	Good
9.	72 - 96	24	Clay kankar	
10.	96 - 103*	7	Sand & Kankar	Medium
11.	103 - 109	6	Clay kankar	

