

# REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- TATARPUR, BLOCK- KADAR CHAUK DISTT. - BADAUN

UNDER

JAL JIVAN MISSION

## Introduction:

A Deep bore hole was drilled 120 mtrs. depth, and Logged depth 120 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 Jan.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 - 10	5	Clay kankar	
3.	10 - 24	14	Sandy Clay	
4.	24 - 29	5	Fine sand	Good
5.	29 - 32	3	Clay kankar	
6.	32 - 55*	23	Medium sand	Good
7.	55 - 62	7	Clay kankar	
8.	62 - 71*	9	Medium sand	Good
9.	71 - 80	9	Clay kankar	
10.	80 - 86	6	Fine sand	Good
11.	86 - 95	9	Clay kankar	
12.	95 - 112*	17	Medium sand	Good
13.	112 - 120	8	Clay kankar	

